

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067654.D
 Acq On : 17 Nov 2020 11:27
 Operator : VA/SY
 Sample : VD1117SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:50:19 AM

Quant Time: Nov 18 00:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	121618	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.92	113	124791	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.34	98	426569	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.64	95	153363	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	56177	22.282	ug/l	97
3) Chloromethane	2.21	50	35787	20.539	ug/l	92
4) Vinyl Chloride	2.35	62	38156	19.642	ug/l	96
5) Bromomethane	2.77	94	35006	22.233	ug/l	94
6) Chloroethane	2.92	64	25104	20.961	ug/l	99
7) Trichlorofluoromethane	3.27	101	111978	22.263	ug/l	95
8) Diethyl Ether	3.71	74	22166	21.871	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	55049	21.682	ug/l	99
10) Methyl Iodide	4.30	142	54723	20.110	ug/l	97
11) Tert butyl alcohol	5.21	59	19353	177.723	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	49836	21.340	ug/l	93
13) Acrolein	3.93	56	4546	65.469	ug/l	97
14) Allyl chloride	4.71	41	50313	20.130	ug/l	98
15) Acrylonitrile	5.42	53	41010	109.464	ug/l	98
16) Acetone	4.16	43	33836	92.421	ug/l	90
17) Carbon Disulfide	4.41	76	143652	20.074	ug/l	99
18) Methyl Acetate	4.71	43	17241	22.789	ug/l #	85
19) Methyl tert-butyl Ether	5.48	73	97932	21.260	ug/l	99
20) Methylene Chloride	4.97	84	57657	22.295	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	58037	21.337	ug/l	97
22) Diisopropyl ether	6.37	45	107145	21.998	ug/l #	93
23) Vinyl Acetate	6.31	43	270364	106.045	ug/l	99
24) 1,1-Dichloroethane	6.27	63	86824	21.790	ug/l	95
25) 2-Butanone	7.21	43	40949	104.676	ug/l	95
26) 2,2-Dichloropropane	7.21	77	94602	22.496	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	61271	21.702	ug/l	99
28) Bromochloromethane	7.55	49	27610	19.480	ug/l	95
29) Tetrahydrofuran	7.57	42	25416	108.463	ug/l	98
30) Chloroform	7.71	83	109167	22.965	ug/l	94
31) Cyclohexane	7.98	56	73473	20.706	ug/l #	94
32) 1,1,1-Trichloroethane	7.91	97	109737	22.374	ug/l	98
36) 1,1-Dichloropropene	8.11	75	76391	21.381	ug/l	97
37) Ethyl Acetate	7.29	43	21752	23.451	ug/l #	86
38) Carbon Tetrachloride	8.10	117	103831	22.368	ug/l	91

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	89616	21.311	ug/l	97
40) Benzene	8.36	78	218643	22.592	ug/l	98
41) Methacrylonitrile	7.52	41	8925	16.097	ug/l #	75
42) 1,2-Dichloroethane	8.43	62	68550	22.925	ug/l	99
43) Isopropyl Acetate	8.46	43	38573	21.027	ug/l	97
44) Trichloroethene	9.11	130	68606	21.560	ug/l	94
45) 1,2-Dichloropropane	9.39	63	44717	21.371	ug/l	97
46) Dibromomethane	9.48	93	28713	21.582	ug/l	97
47) Bromodichloromethane	9.67	83	80130	22.159	ug/l	88
48) Methyl methacrylate	9.47	41	18067	19.075	ug/l #	81
49) 1,4-Dioxane	9.47	88	5633	417.075	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	97289	110.893	ug/l	98
52) Toluene	10.41	92	146068	22.534	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	71413	23.059	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	79872	21.707	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	38910	22.104	ug/l	96
56) Ethyl methacrylate	10.67	69	39168	21.547	ug/l	100
57) 1,3-Dichloropropane	10.96	76	62429	22.039	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	88477	104.374	ug/l	99
59) 2-Hexanone	10.99	43	66118	107.785	ug/l	97
60) Dibromochloromethane	11.14	129	60160	23.103	ug/l	99
61) 1,2-Dibromoethane	11.26	107	38693	21.901	ug/l	99
64) Tetrachloroethene	10.88	164	64203	22.782	ug/l	88
65) Chlorobenzene	11.68	112	165539	22.584	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	66226	22.924	ug/l	98
67) Ethyl Benzene	11.75	91	279091	22.251	ug/l	97
68) m/p-Xylenes	11.86	106	218291	44.734	ug/l	98
69) o-Xylene	12.18	106	98371	22.579	ug/l	99
70) Styrene	12.20	104	171967	22.652	ug/l	99
71) Bromoform	12.37	173	32635	22.150	ug/l #	91
73) Isopropylbenzene	12.48	105	277353	22.183	ug/l	99
74) N-amyl acetate	12.29	43	33716	20.493	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	36199	21.232	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	23510m	20.144	ug/l	
77) Bromobenzene	12.77	156	67602	22.016	ug/l	97
78) n-propylbenzene	12.83	91	316499	22.131	ug/l	100
79) 2-Chlorotoluene	12.91	91	181325	22.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	242150	22.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12405	21.580	ug/l	95
82) 4-Chlorotoluene	13.01	91	195374	22.424	ug/l	99
83) tert-Butylbenzene	13.23	119	202772	22.401	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	243177	22.873	ug/l	99
85) sec-Butylbenzene	13.41	105	274624	22.474	ug/l	99
86) p-Isopropyltoluene	13.53	119	261253	22.139	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	135831	23.183	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	132624	22.354	ug/l	99
89) n-Butylbenzene	13.85	91	223210	21.899	ug/l	99
90) Hexachloroethane	14.11	117	48589	21.865	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	114248	22.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7425	24.597	ug/l	91

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MSVOA_D
ClientSampleId :
VD1117SBSD01

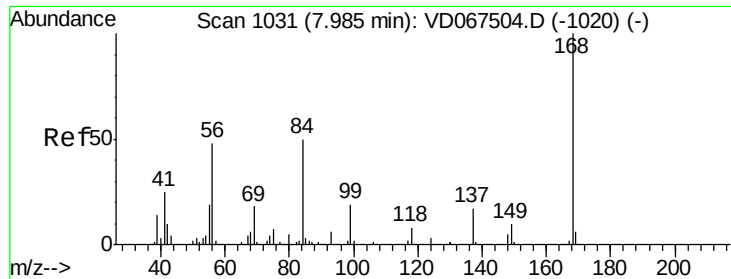
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75997	22.081	ug/l	98
94) Hexachlorobutadiene	15.27	225	47995	20.836	ug/l	97
95) Naphthalene	15.41	128	111528	20.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	63563	21.567	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion:168 Resp: 279797

Ion Ratio Lower Upper

168 100

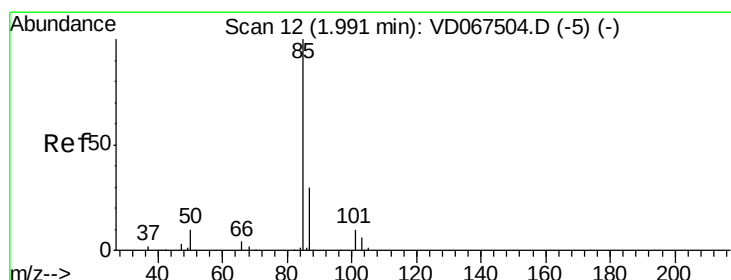
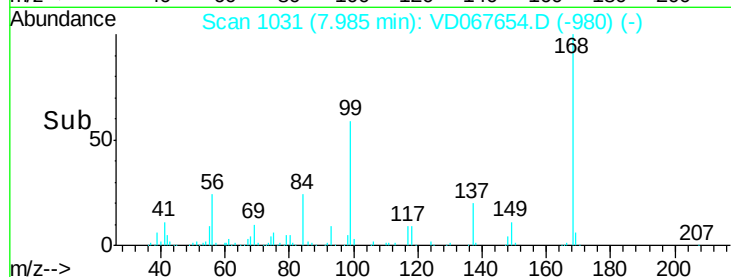
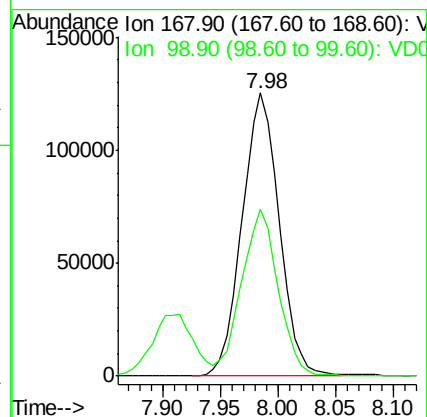
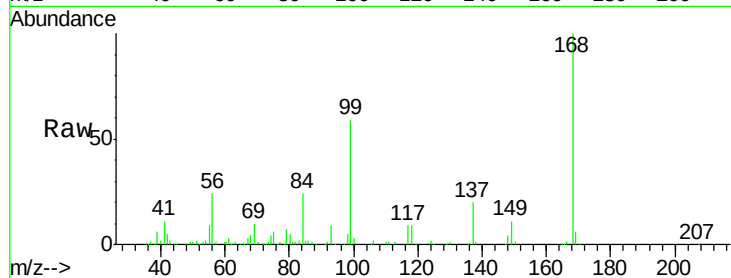
99 58.7 45.0 67.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 22.282 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067654.D

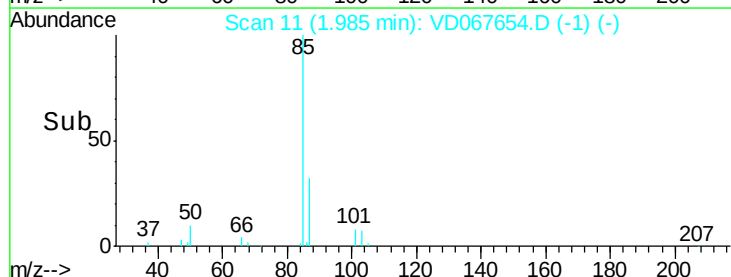
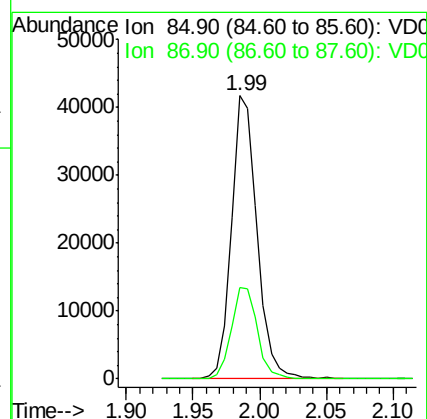
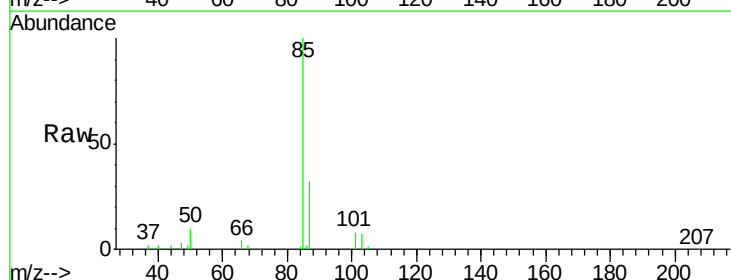
Acq: 17 Nov 2020 11:27

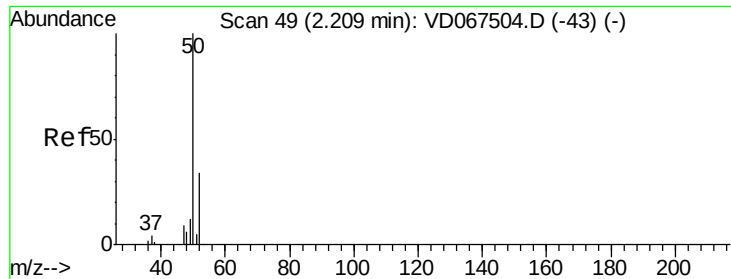
Tgt Ion: 85 Resp: 56177

Ion Ratio Lower Upper

85 100

87 32.3 15.3 45.8





#3

Chloromethane

Concen: 20.539 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 50 Resp: 35787

Ion Ratio Lower Upper

50 100

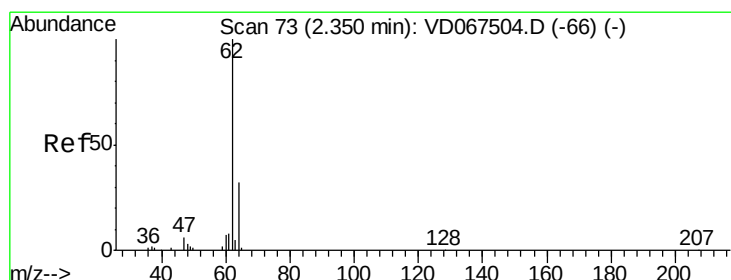
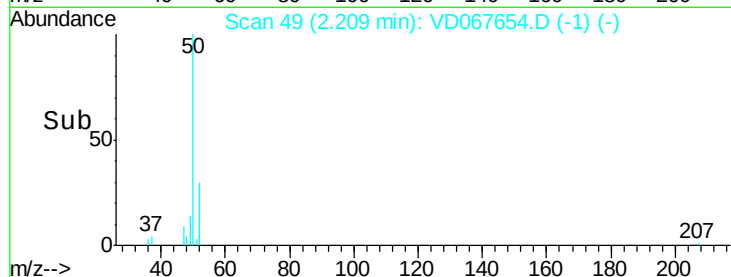
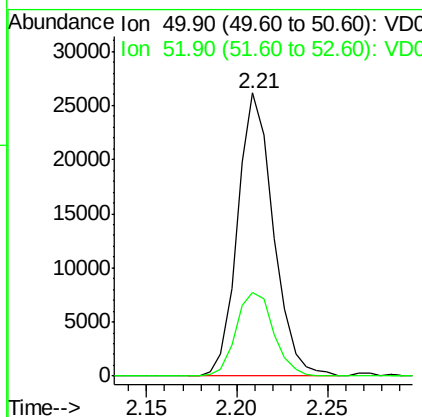
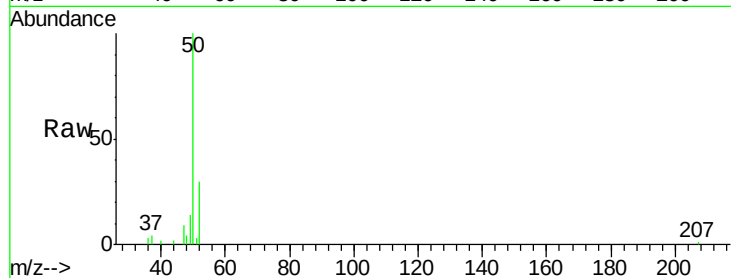
52 29.7 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.642 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067654.D

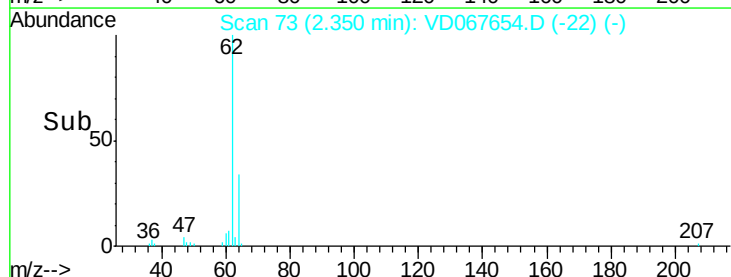
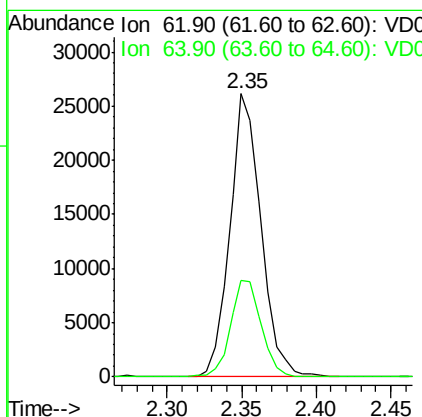
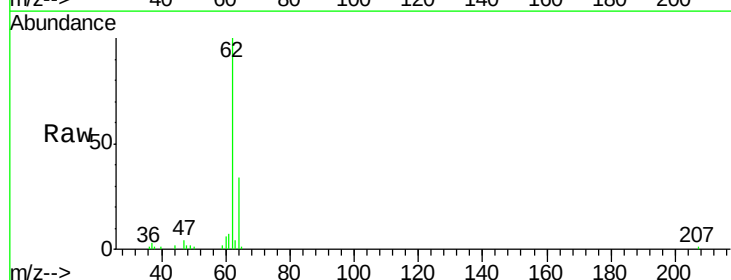
Acq: 17 Nov 2020 11:27

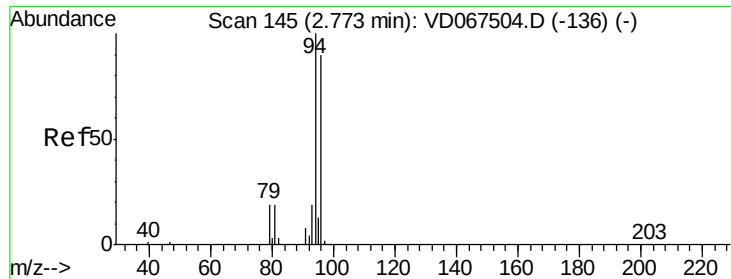
Tgt Ion: 62 Resp: 38156

Ion Ratio Lower Upper

62 100

64 34.2 25.6 38.4





#5

Bromomethane

Concen: 22.233 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 94 Resp: 35006

Ion Ratio Lower Upper

94 100

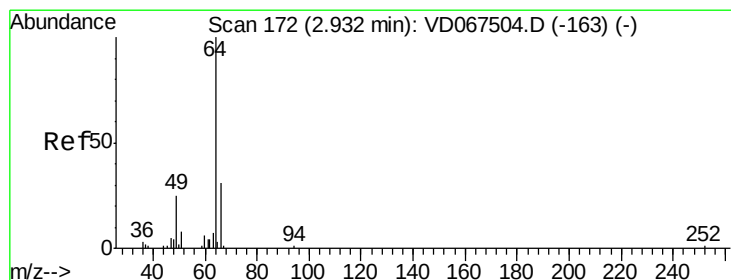
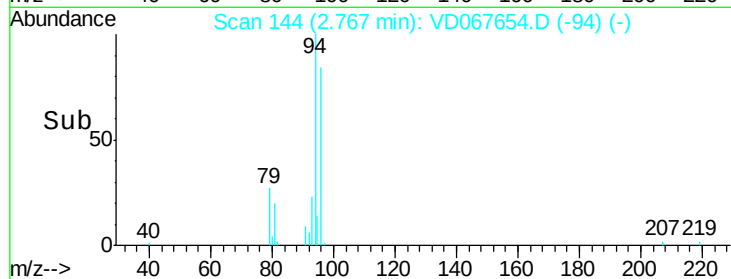
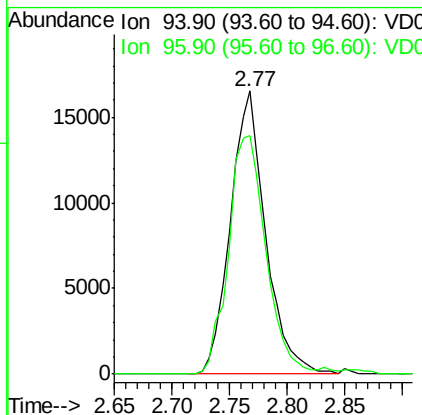
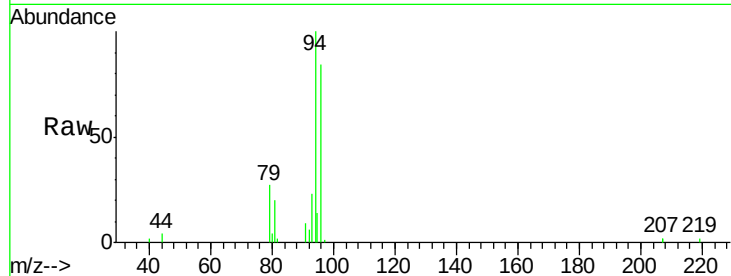
96 84.3 72.2 108.2

Manual Integrations

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#6

Chloroethane

Concen: 20.961 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067654.D

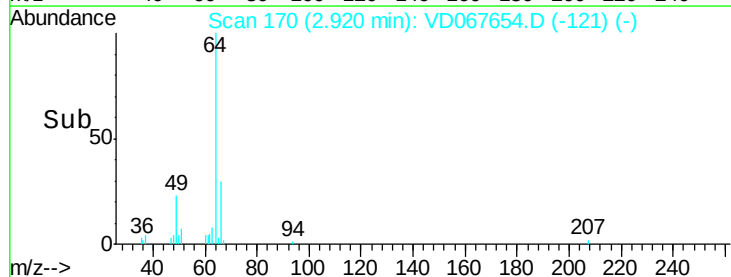
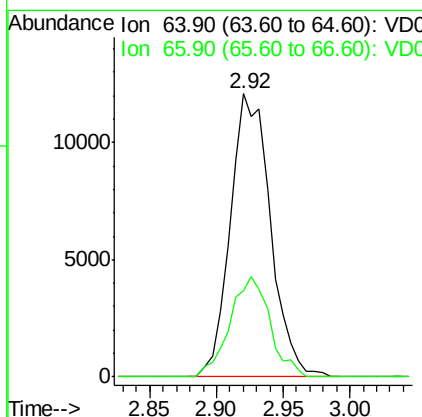
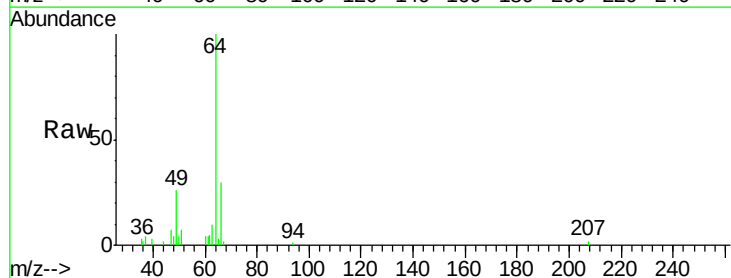
Acq: 17 Nov 2020 11:27

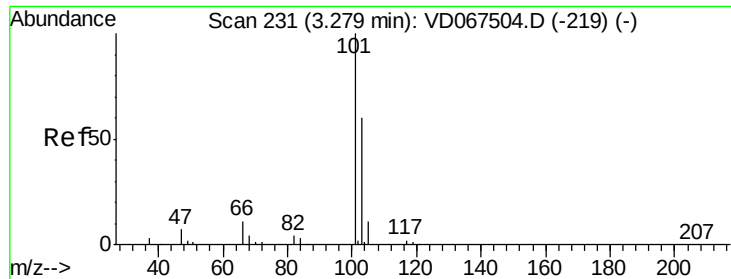
Tgt Ion: 64 Resp: 25104

Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8





#7

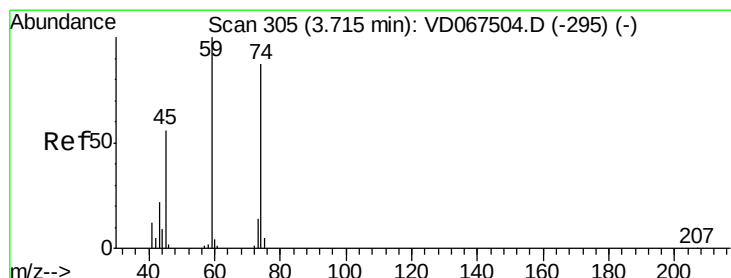
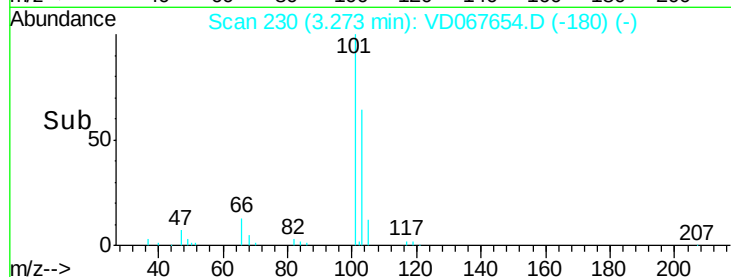
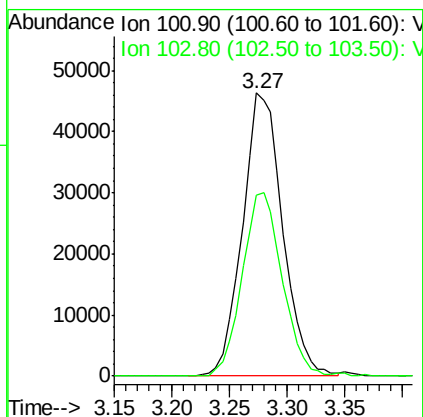
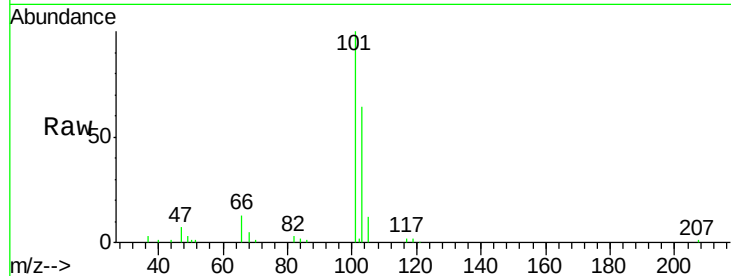
Trichlorofluoromethane
Concen: 22.263 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
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VD1117SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		111978		
103	64.0	48.1	72.1		

Manual Integrations
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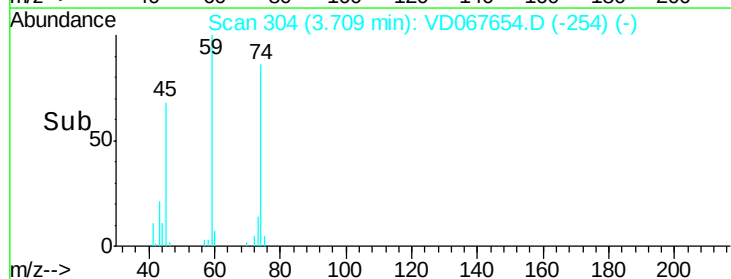
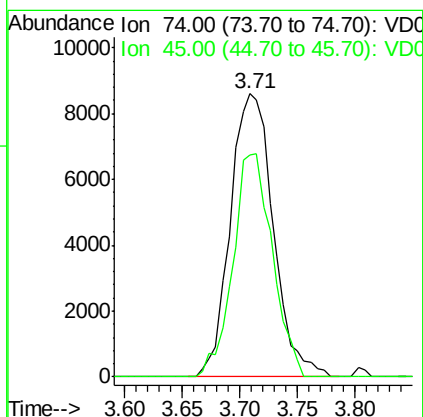
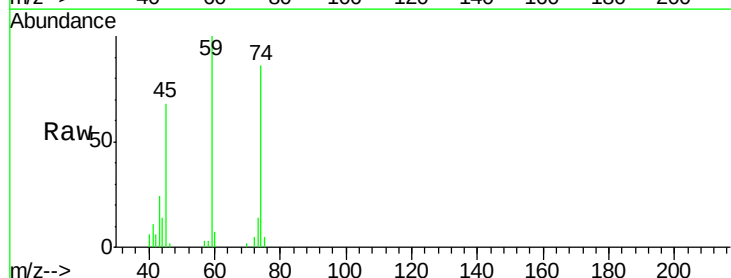
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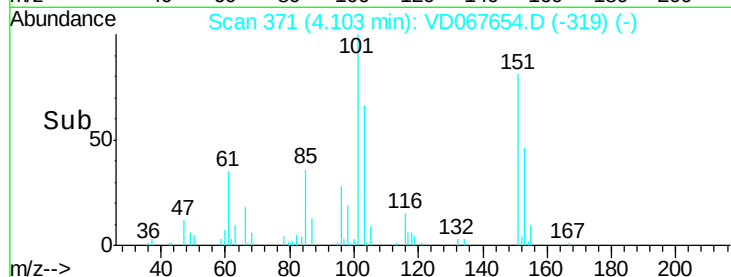
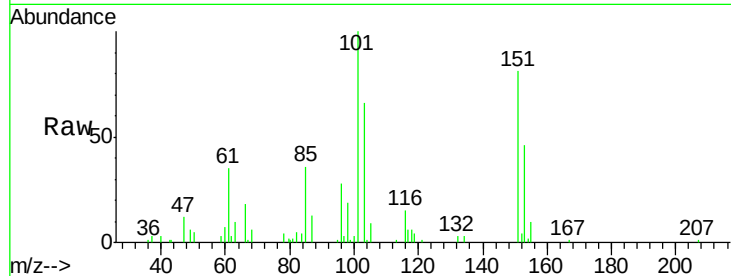
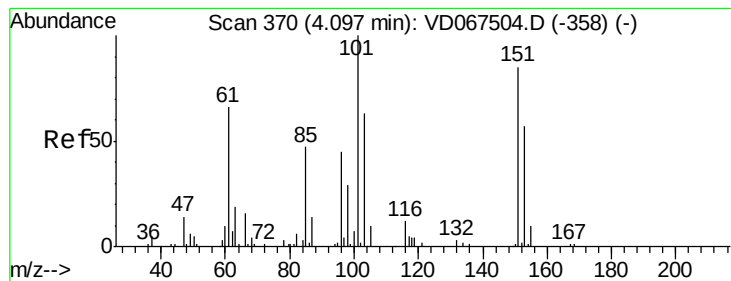


#8

Diethyl Ether
Concen: 21.871 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		22166		
45	72.7	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.682 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

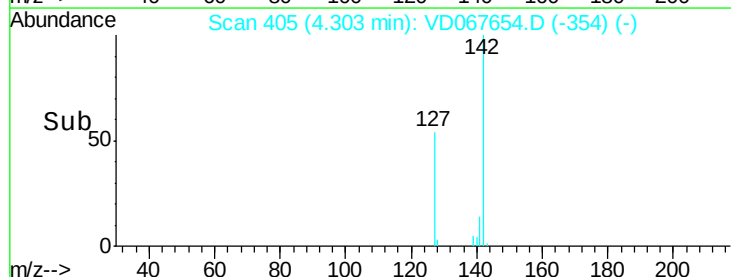
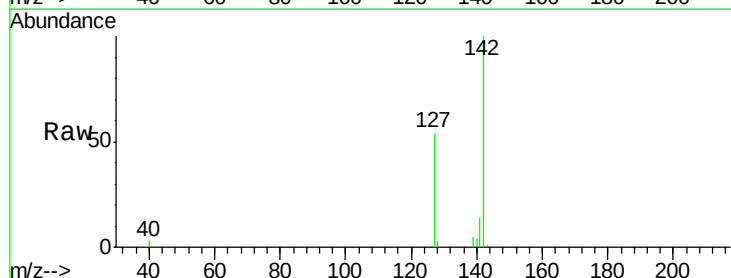
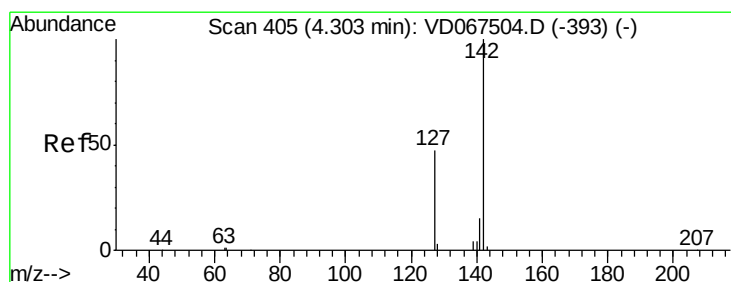
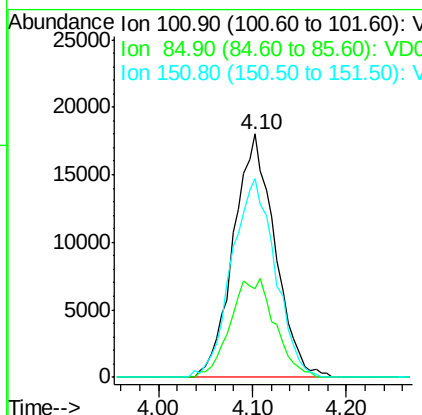
ClientSampleId :

VD1117SBS01

Tot Ion:	101	Resp:	55049
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.4	51.6
151	85.8	68.1	102.1

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#10

Methyl Iodide

Concen: 20.110 ug/l

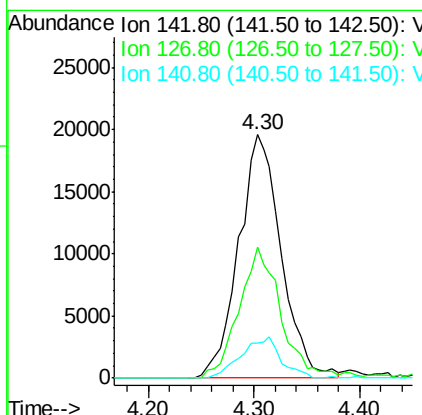
RT: 4.30 min Scan# 405

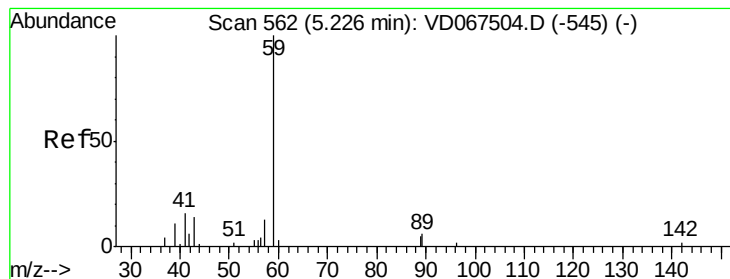
Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	142	Resp:	54723
Ion Ratio	Lower	Upper	
142	100		
127	52.3	40.0	60.0
141	15.6	11.7	17.5





#11

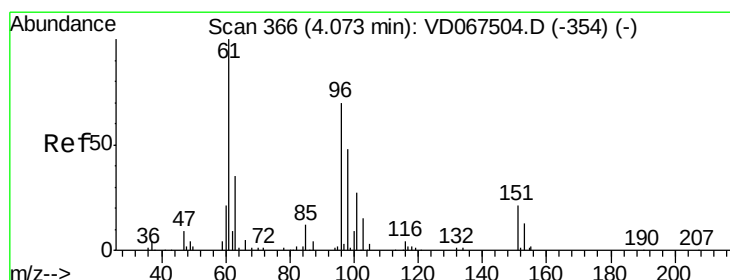
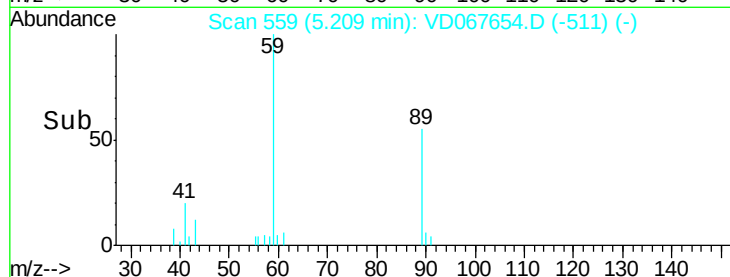
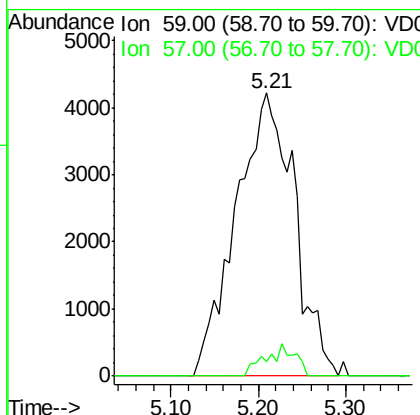
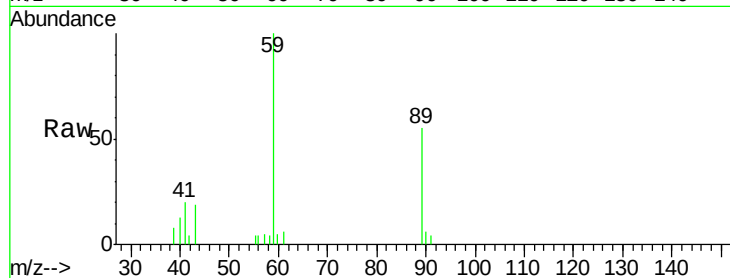
Tert butyl alcohol
Concen: 177.723 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBSD01

Tot Ion	59	57	Ratio	100	5.6	Resp	19353	Lower	5.9	Upper	8.9#
Ion	59	57	Ratio	100	5.6	Resp	19353	Lower	5.9	Upper	8.9#

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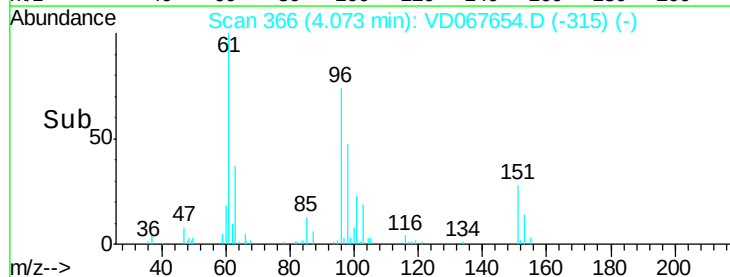
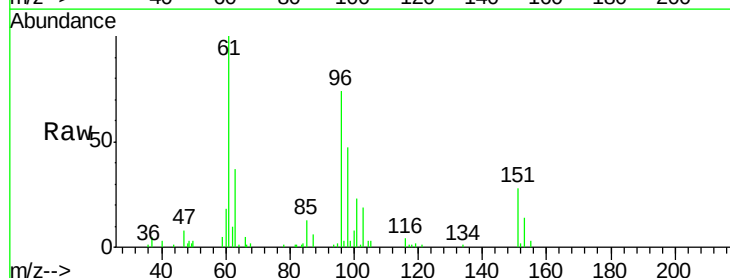
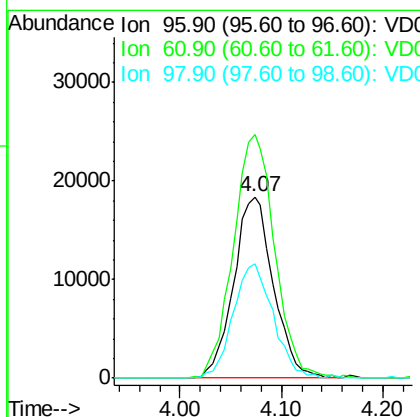
MMDadoda
11/18/2020 10:50:19 AM

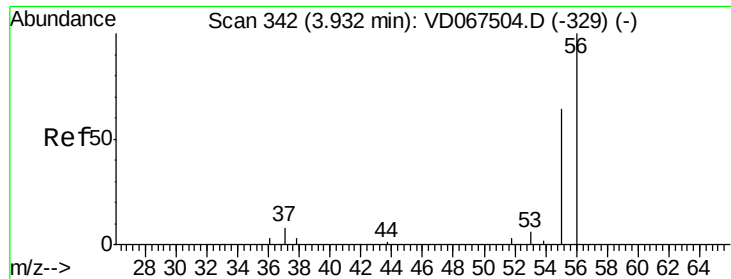


#12

1,1-Dichloroethene
Concen: 21.340 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	96	61	98	Ratio	100	134.3	63.3	Resp	49836	Lower	114.5	54.5	Upper	171.7	81.7
Ion	96	61	98	Ratio	100	134.3	63.3	Resp	49836	Lower	114.5	54.5	Upper	171.7	81.7





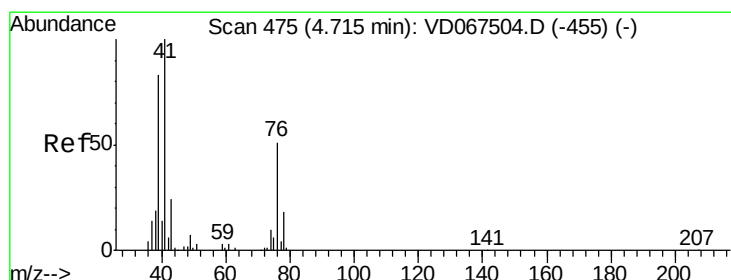
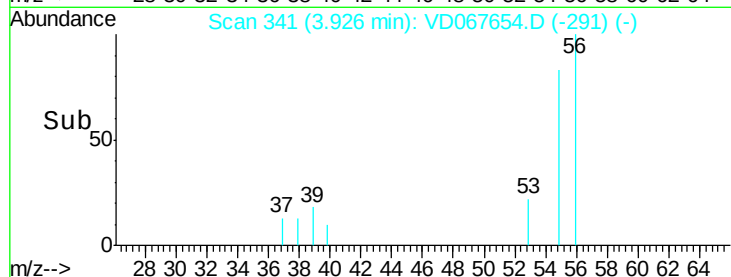
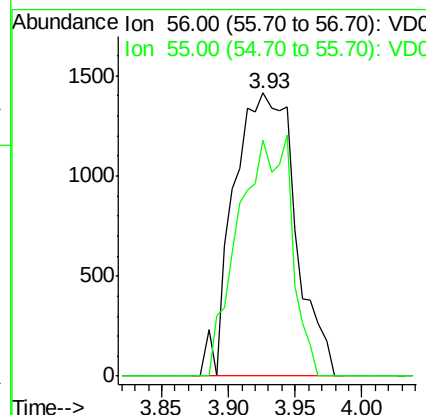
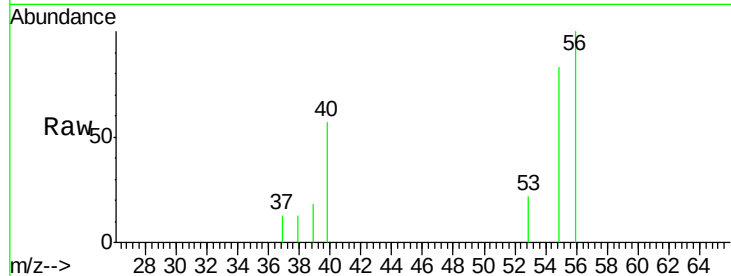
#13
Acrolein
Concen: 65.469 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	56	Resp	4546
Ion	Ratio	Lower	Upper
56	100		
55	72.5	55.8	83.8

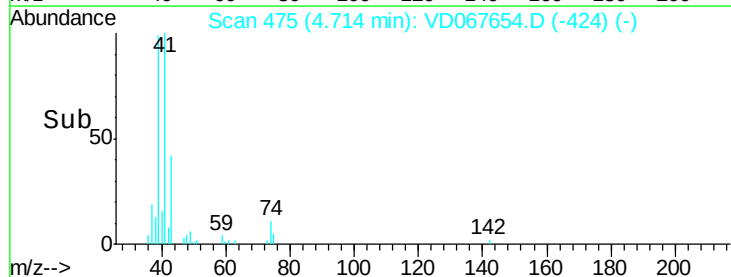
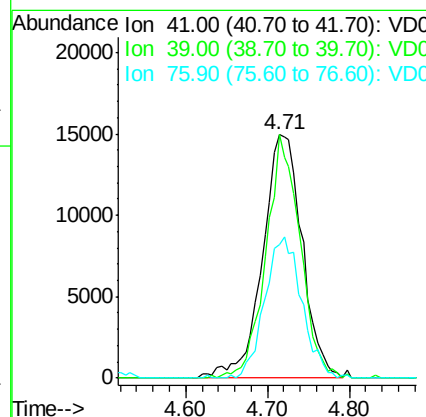
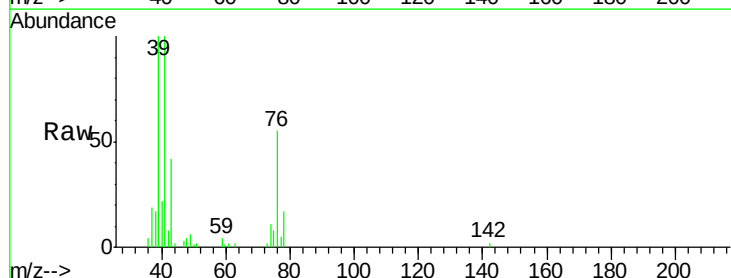
Manual Integrations
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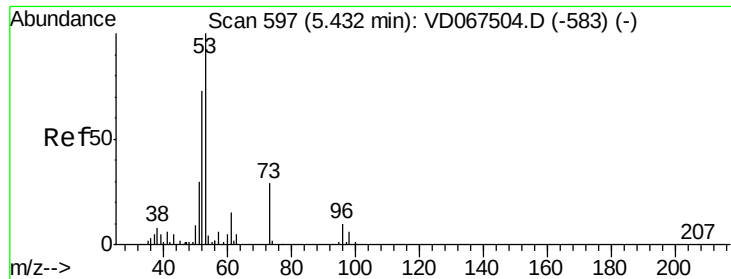
MMDadoda
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#14
Allyl chloride
Concen: 20.130 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	41	Resp	50313
Ion	Ratio	Lower	Upper
41	100		
39	86.3	67.4	101.0
76	54.1	42.2	63.2





#15

Acrylonitrile

Concen: 109.464 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

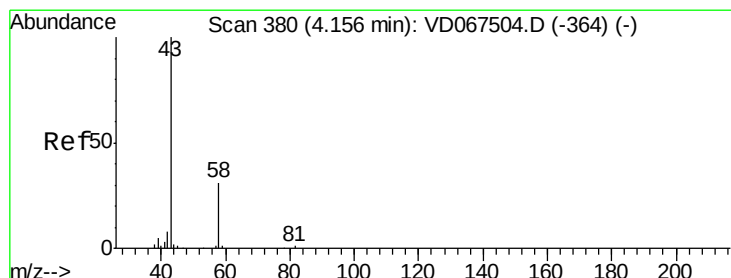
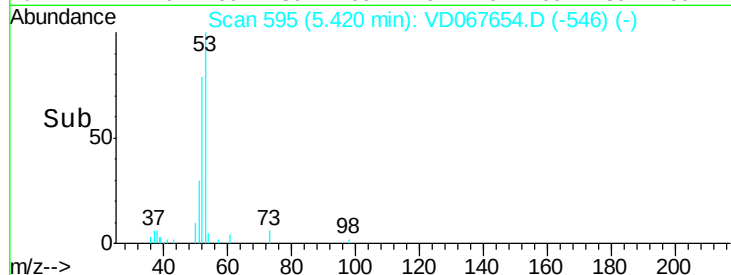
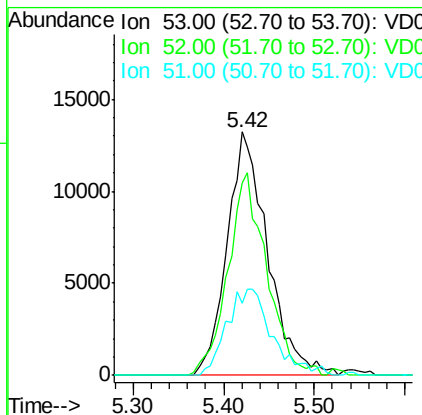
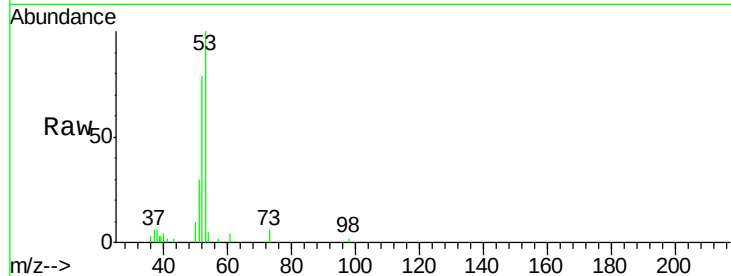
ClientSampleId :

VD1117SBS01

Tot Ion:	53	Resp:	41010
Ion	Ratio	Lower	Upper
53	100		
52	79.7	64.8	97.2
51	39.6	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 92.421 ug/l

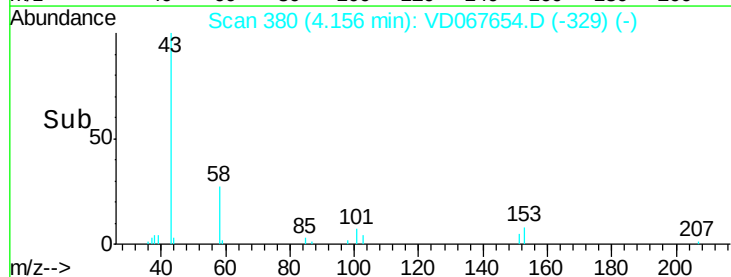
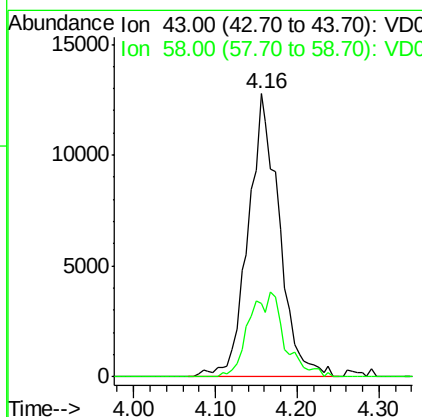
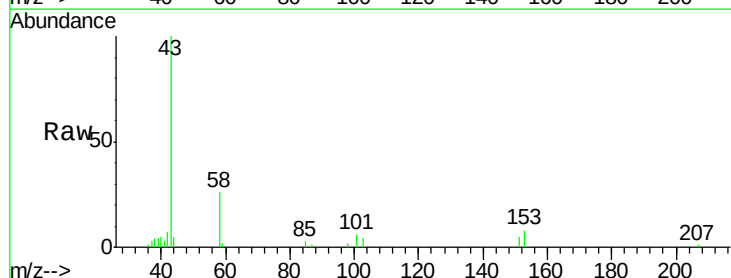
RT: 4.16 min Scan# 380

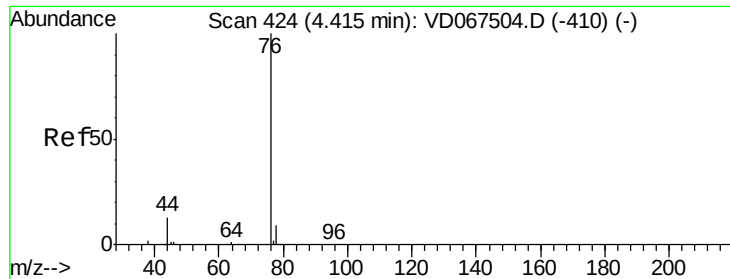
Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	43	Resp:	33836
Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.2	37.8





#17

Carbon Disulfide

Concen: 20.074 ug/l

RT: 4.41 min Scan# 424

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 76 Resp: 143652

Ion Ratio Lower Upper

76 100

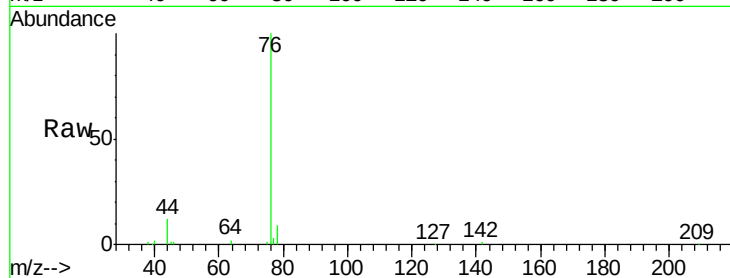
78 9.4 7.2 10.8

Manual Integrations

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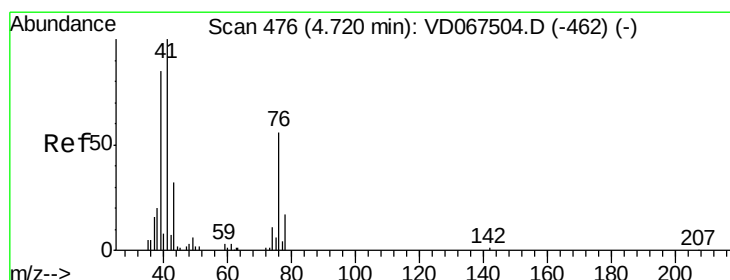
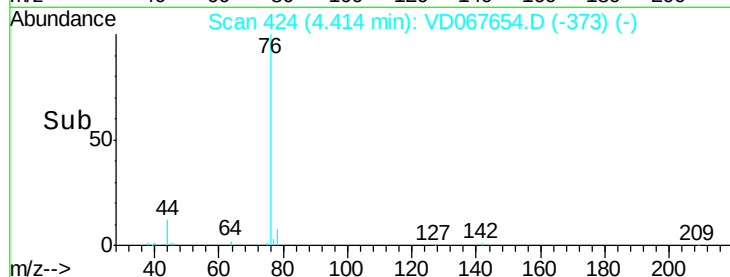
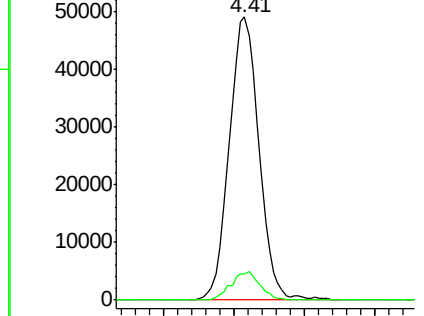
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.789 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067654.D

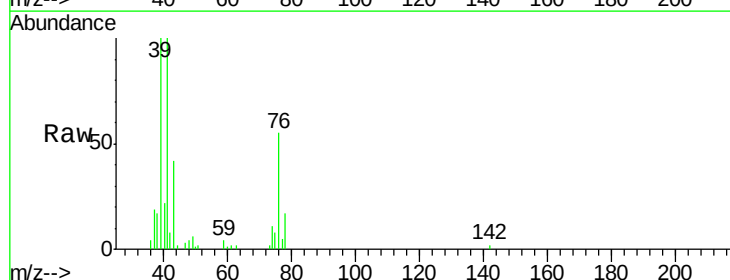
Acq: 17 Nov 2020 11:27

Tgt Ion: 43 Resp: 17241

Ion Ratio Lower Upper

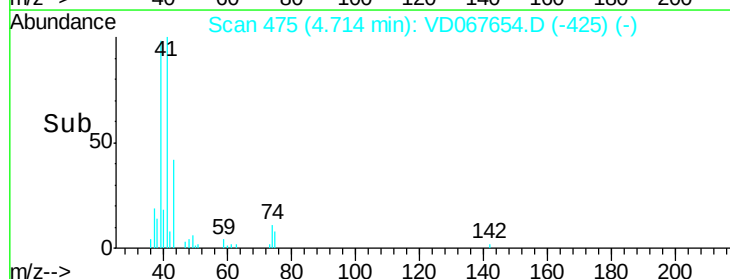
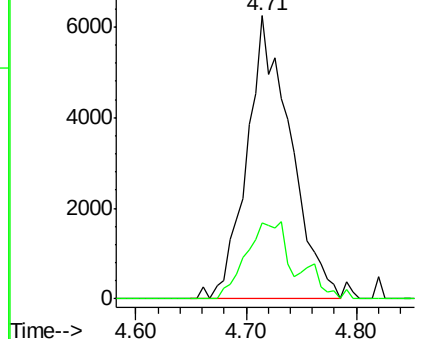
43 100

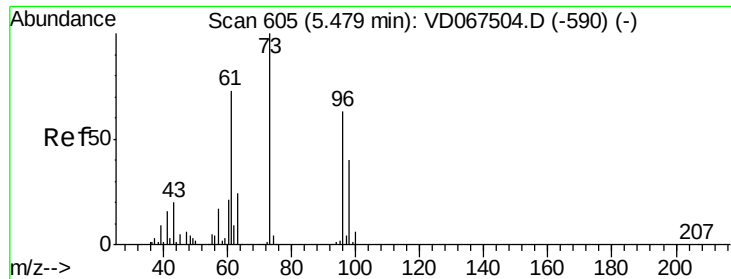
74 25.1 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





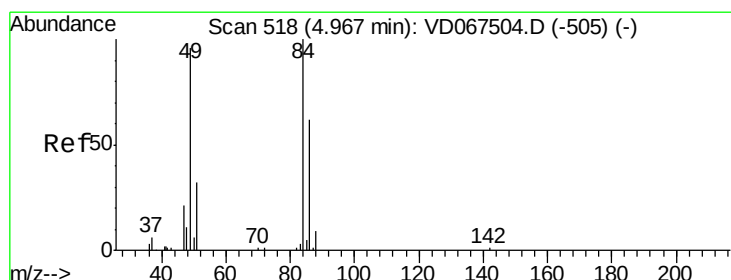
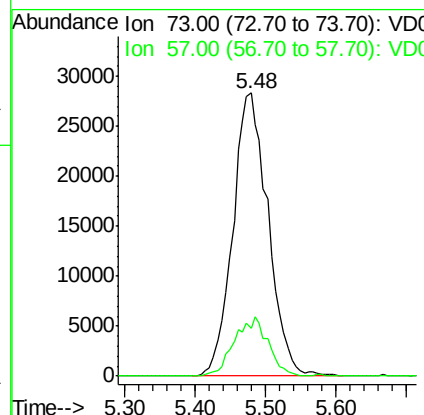
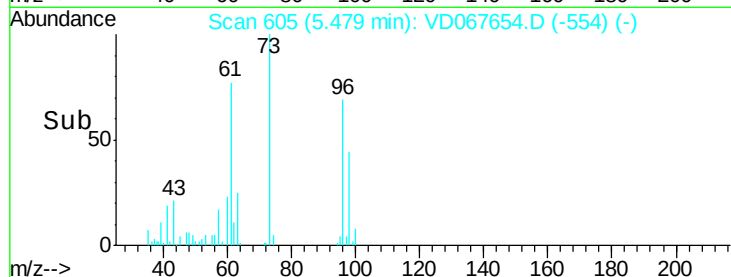
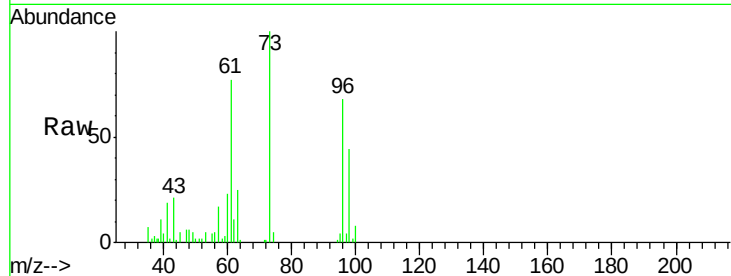
#19
Methyl tert-butyl Ether
Concen: 21.260 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion: 73 Resp: 97932
Ion Ratio Lower Upper
73 100
57 16.9 13.4 20.0

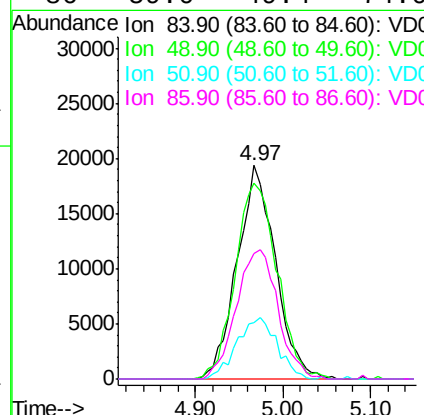
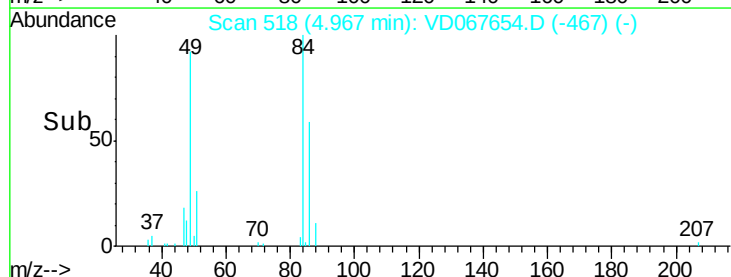
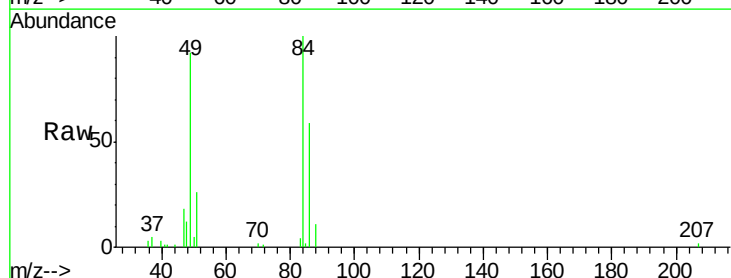
Manual Integrations
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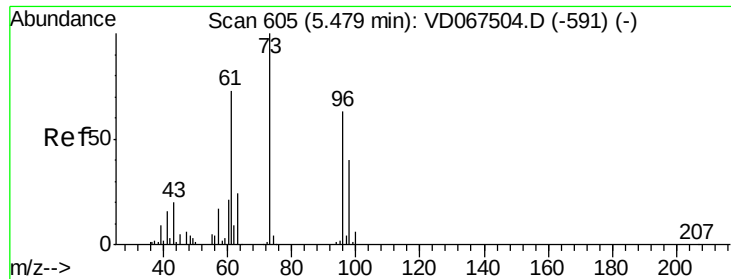
MMDadoda
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#20
Methylene Chloride
Concen: 22.295 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion: 84 Resp: 57657
Ion Ratio Lower Upper
84 100
49 91.9 77.0 115.4
51 26.1 25.4 38.2
86 59.0 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 21.337 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

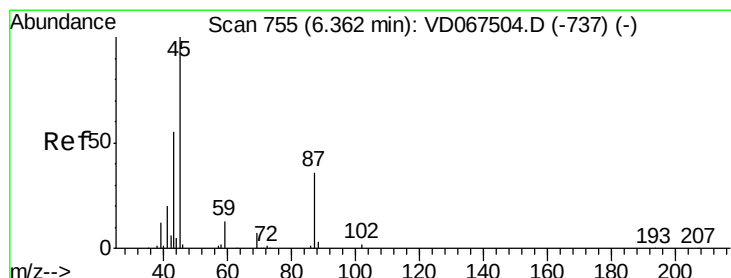
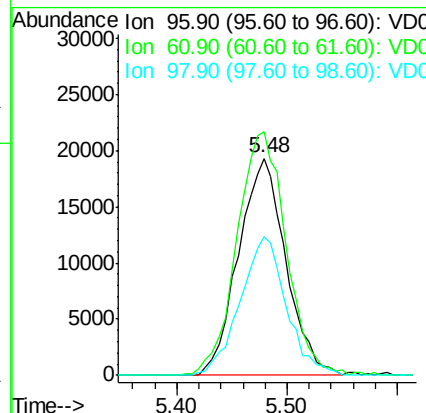
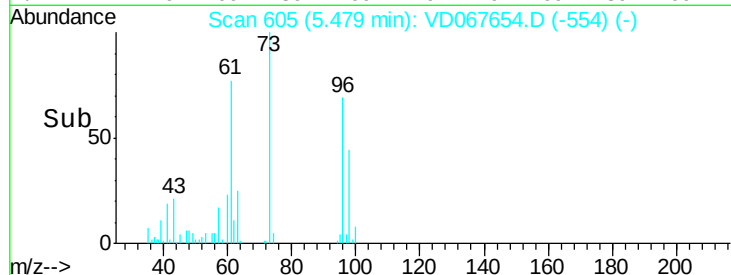
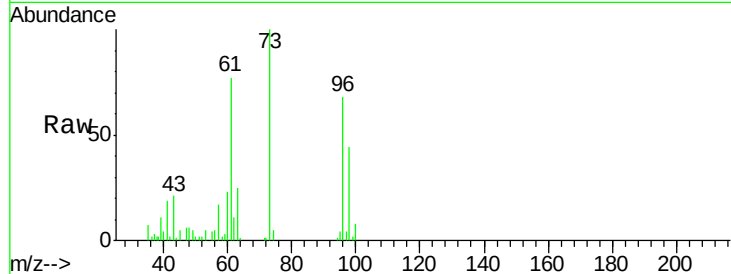
ClientSampleId :

VD1117SBSD01

Tot Ion:	96	Resp:	58037
Ion	Ratio	Lower	Upper
96	100		
61	111.1	93.0	139.6
98	64.0	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.998 ug/l

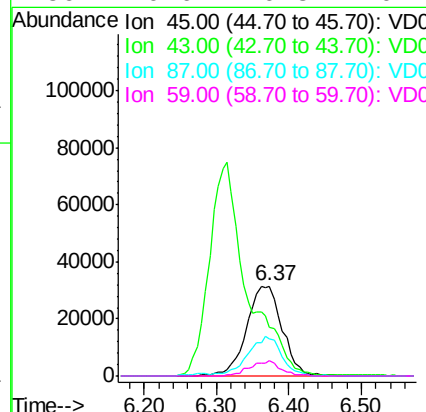
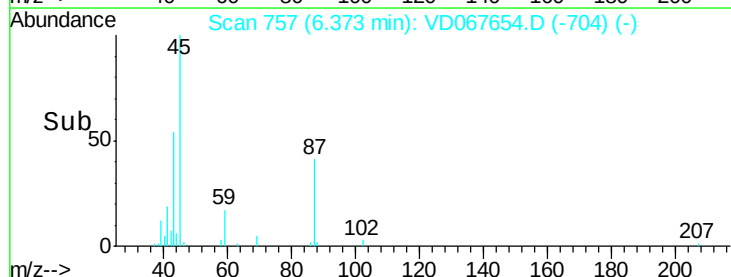
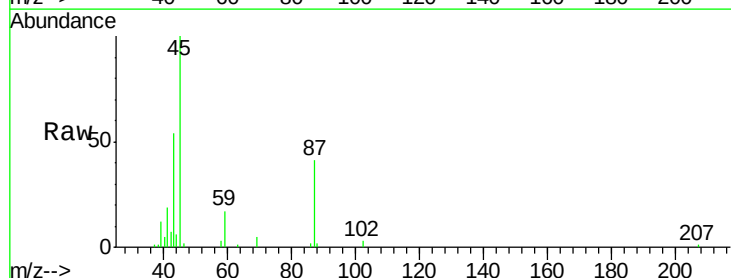
RT: 6.37 min Scan# 757

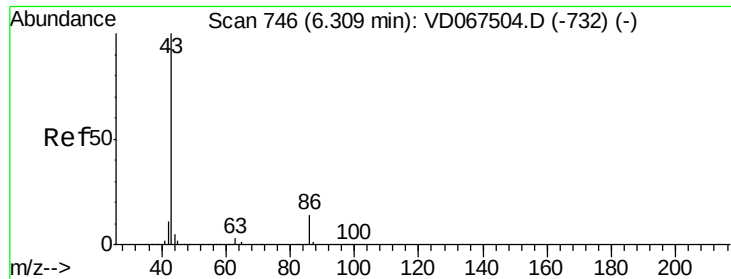
Delta R.T. 0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	45	Resp:	107145
Ion	Ratio	Lower	Upper
45	100		
43	53.0	46.2	69.4
87	40.9	29.4	44.2
59	16.6	10.8	16.2#





#23

Vinyl Acetate

Concen: 106.045 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 43 Resp: 270364

Ion Ratio Lower Upper

43 100

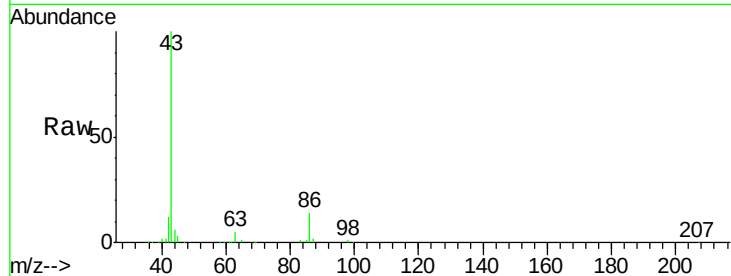
86 14.0 11.6 17.4

Manual Integrations

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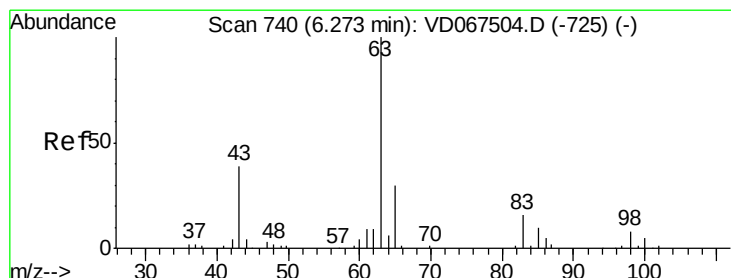
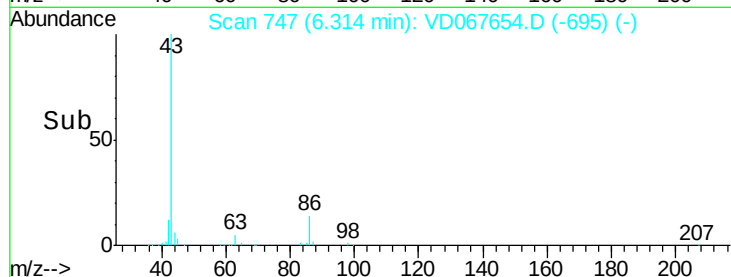
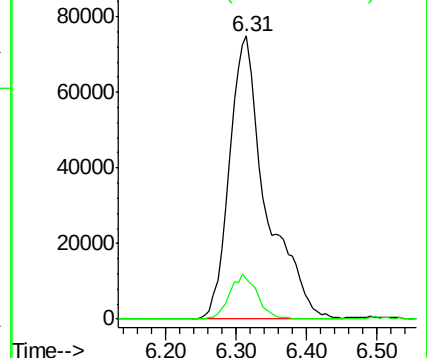
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.790 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

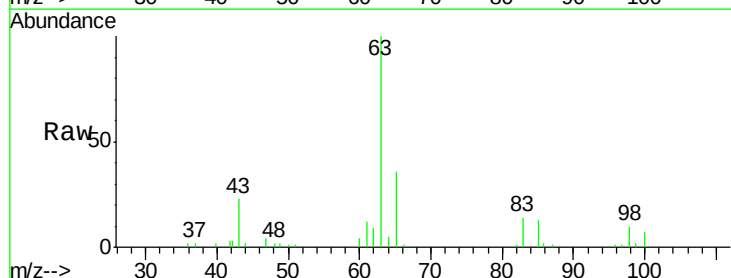
Tgt Ion: 63 Resp: 86824

Ion Ratio Lower Upper

63 100

98 9.7 3.9 11.5

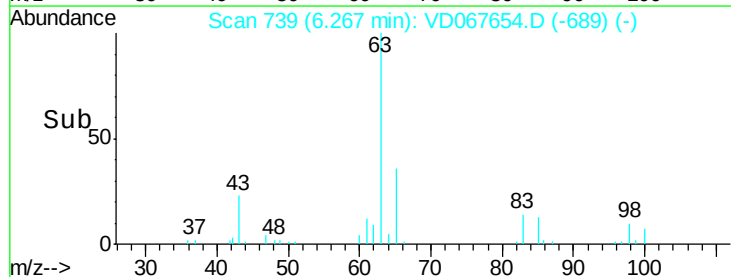
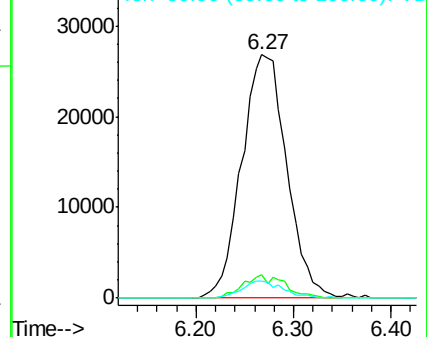
100 6.8 2.6 7.8

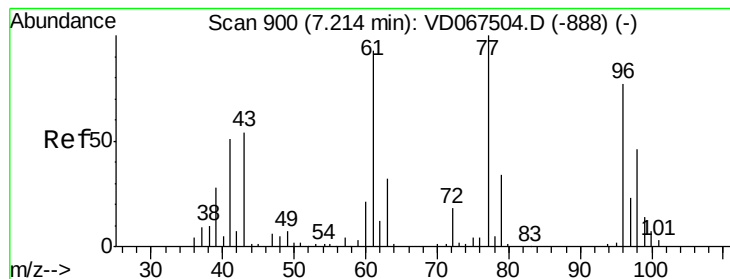


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 104.676 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 43 Resp: 40949

Ion Ratio Lower Upper

43 100

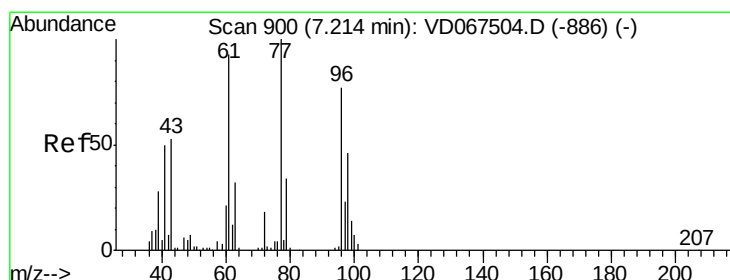
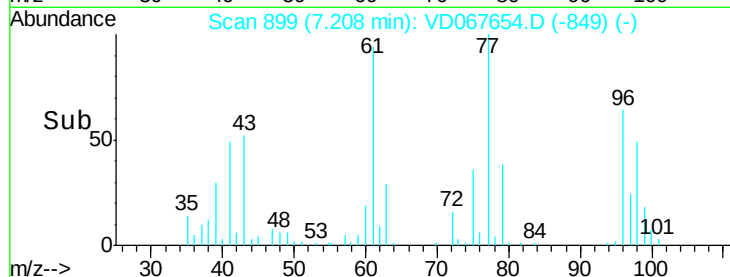
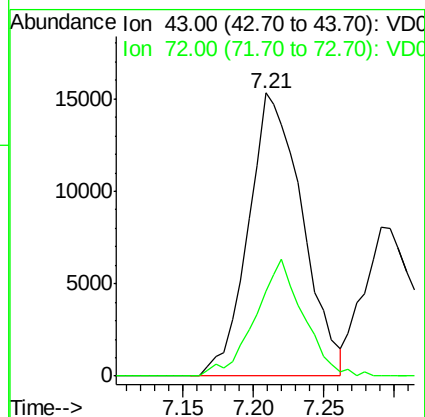
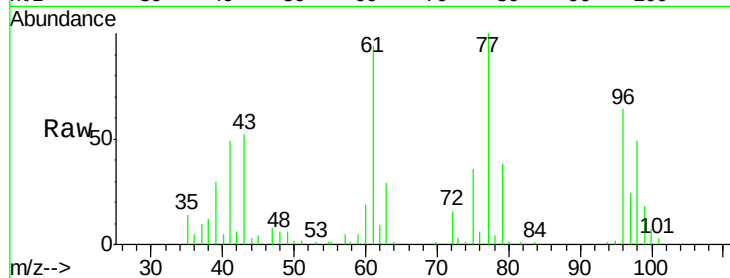
72 30.1 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.496 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067654.D

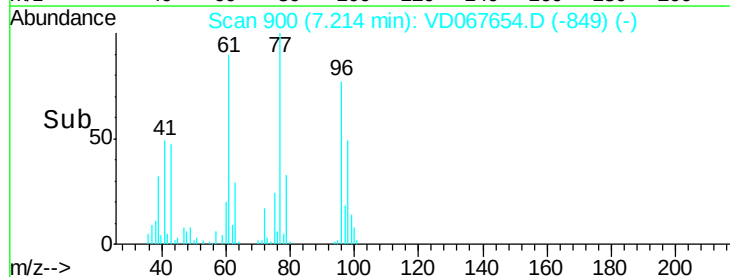
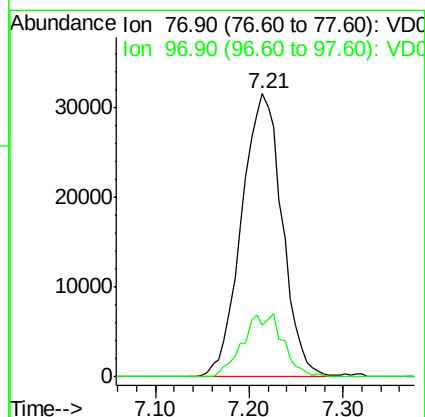
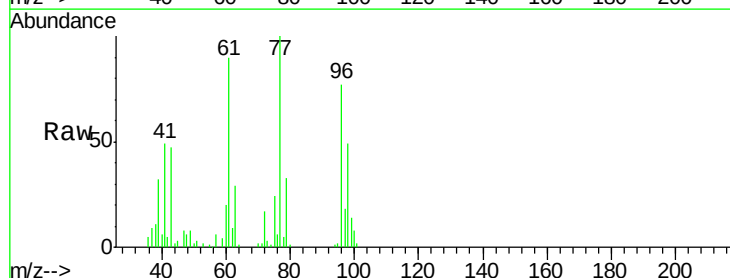
Acq: 17 Nov 2020 11:27

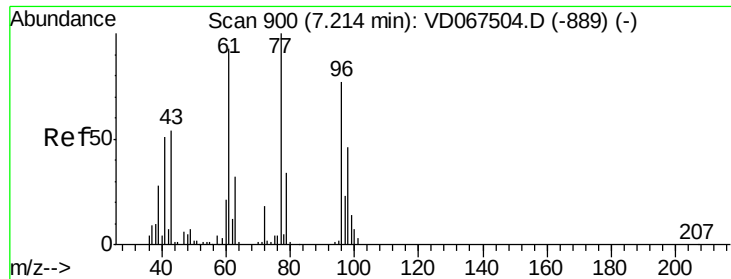
Tgt Ion: 77 Resp: 94602

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.3





#27

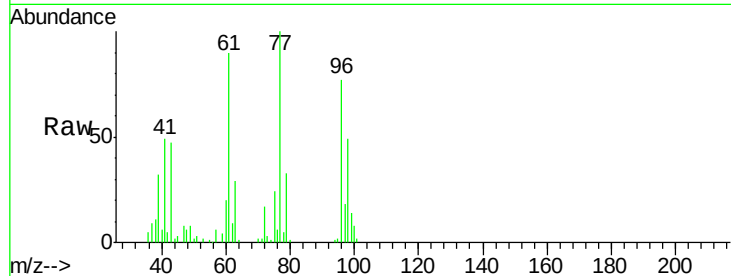
cis-1,2-Dichloroethene
Concen: 21.702 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

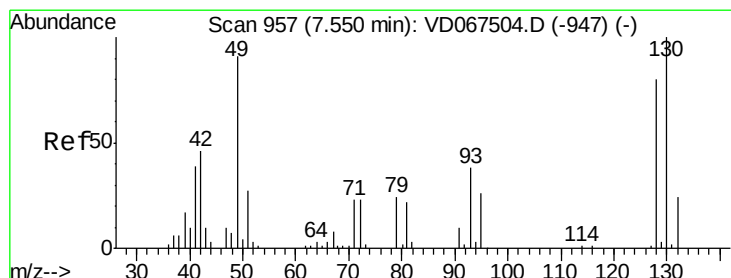
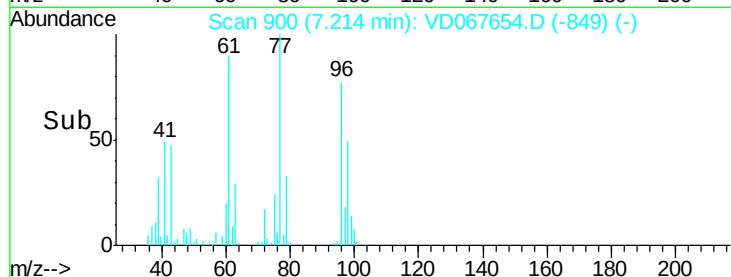
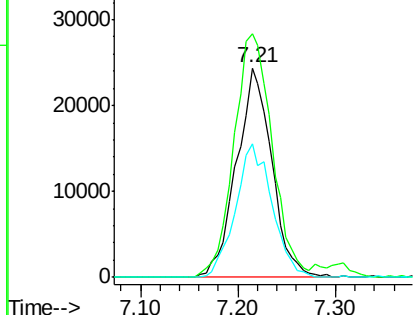
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	251.6
98	65.8	0.0	128.0

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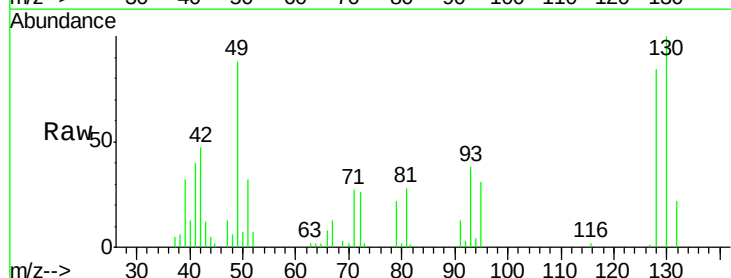
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



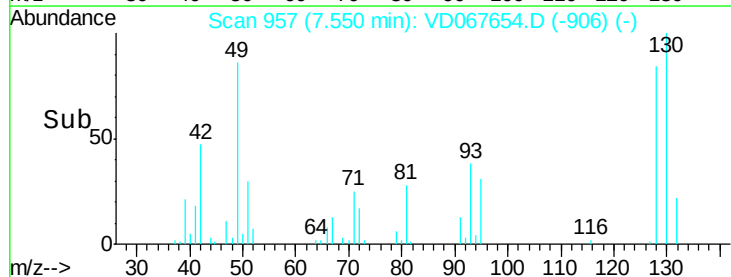
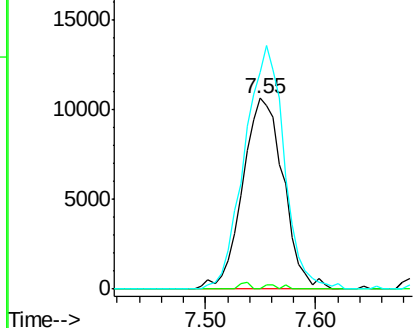
#28

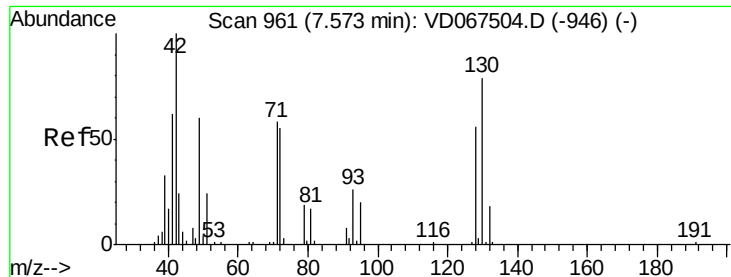
Bromochloromethane
Concen: 19.480 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	6.4
130	123.9	94.6	142.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





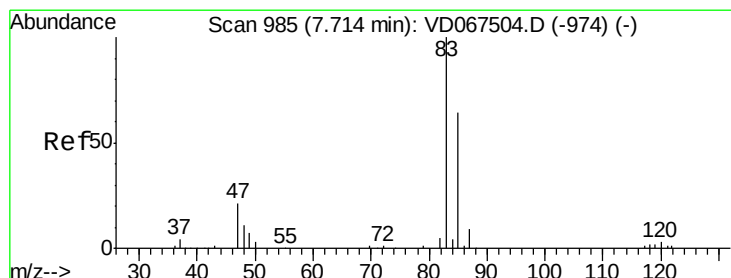
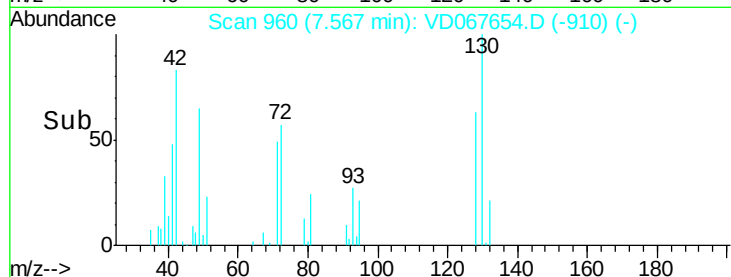
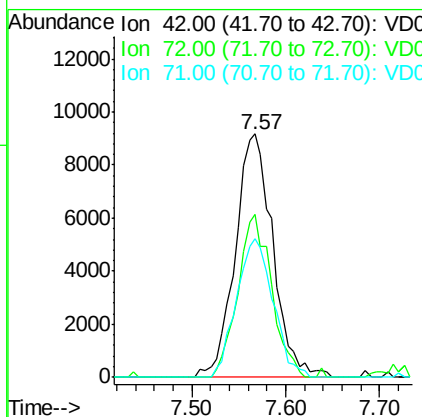
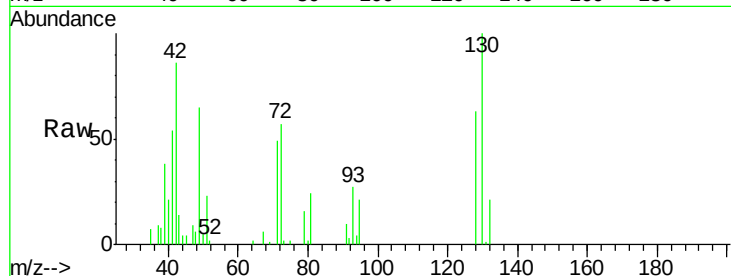
#29
Tetrahydrofuran
Concen: 108.463 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.0	46.3	69.5
71	55.4	44.0	66.0

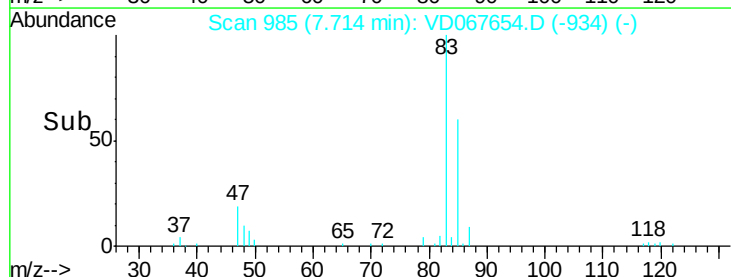
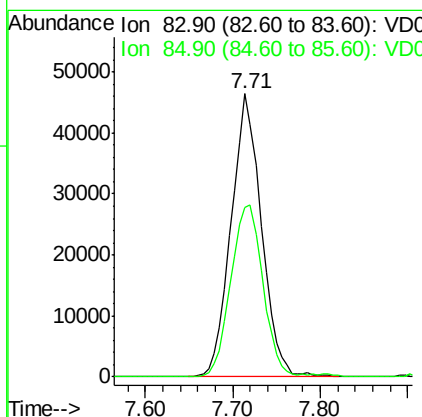
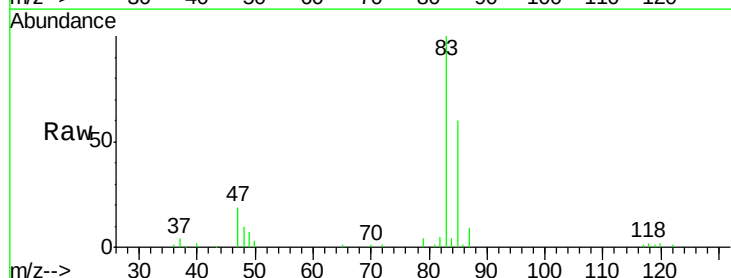
Manual Integrations
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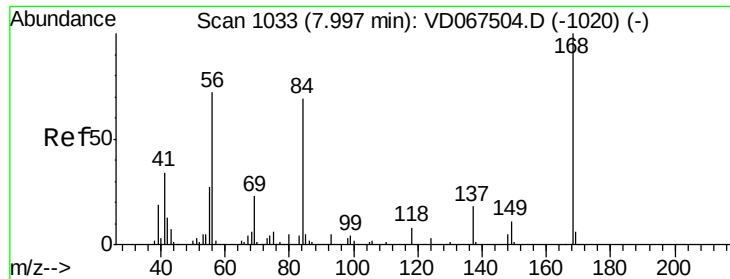
MMDadoda
11/18/2020 10:50:19 AM



#30
Chloroform
Concen: 22.965 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.5	77.3





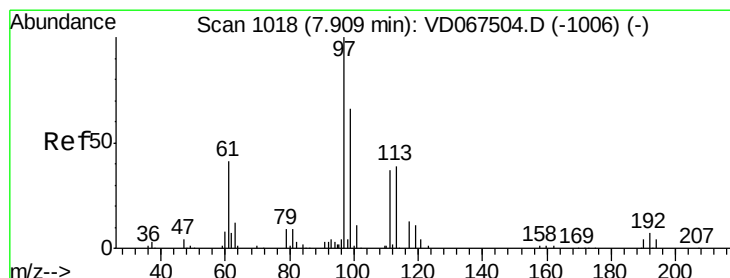
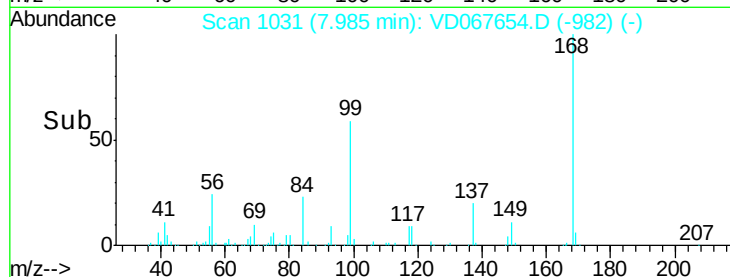
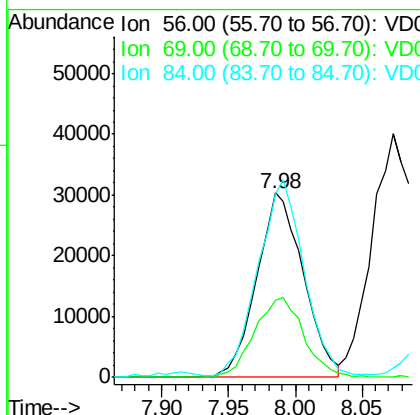
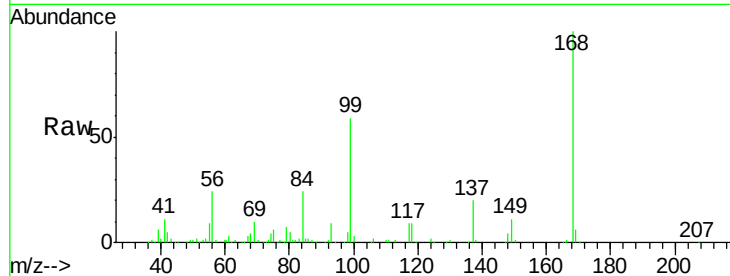
#31
Cyclohexane
Concen: 20.706 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion: 56 Resp: 73473
Ion Ratio Lower Upper
56 100
69 42.2 25.9 38.9#
84 97.3 76.2 114.4

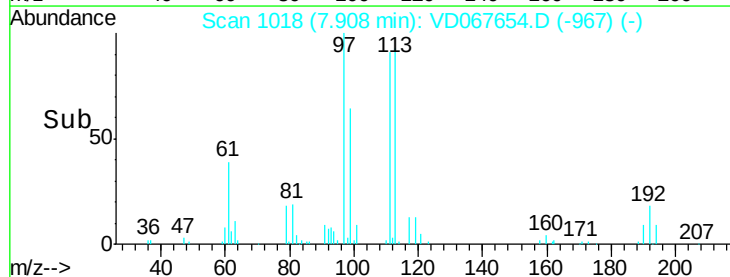
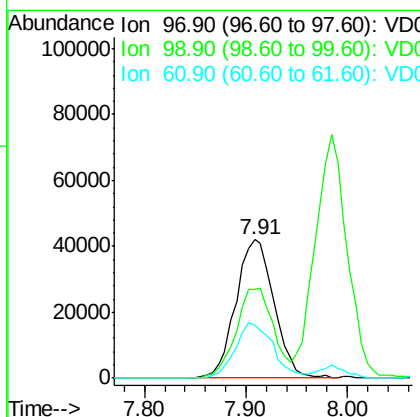
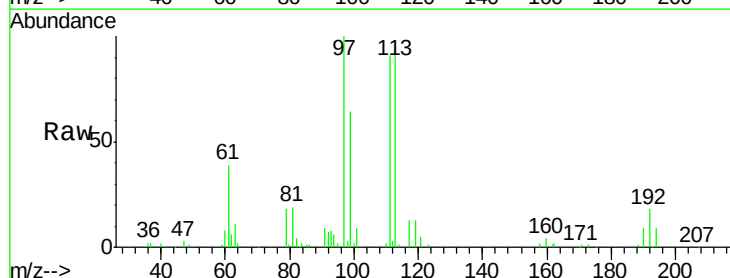
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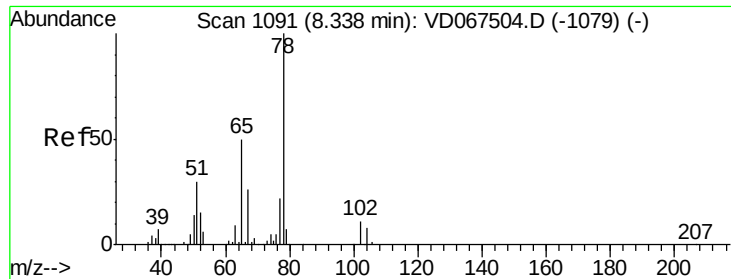
MMDadoda
11/18/2020 10:50:19 AM



#32
1,1,1-Trichloroethane
Concen: 22.374 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion: 97 Resp: 109737
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 40.0 30.5 45.7





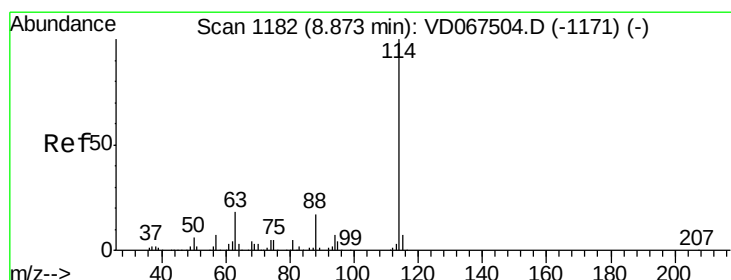
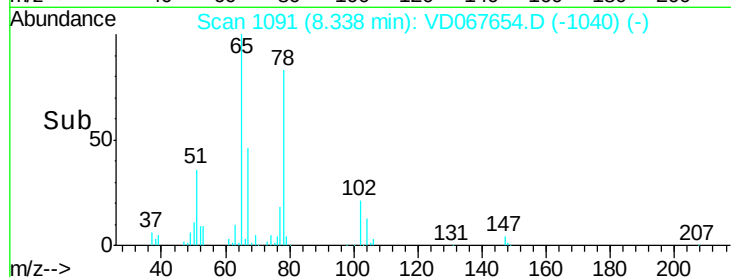
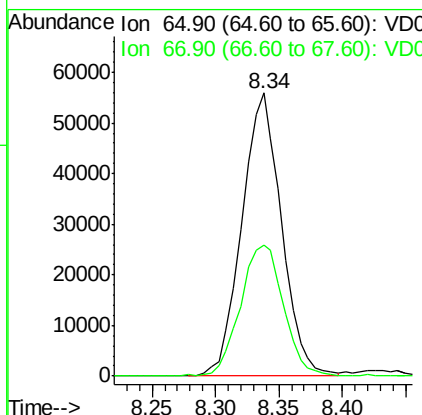
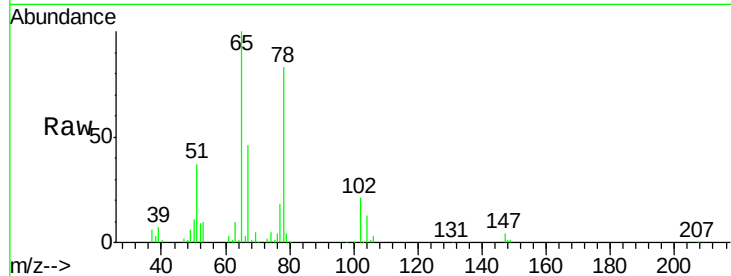
#33
 1,2-Dichloroethane-d4
 Concen: 49.711 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.4

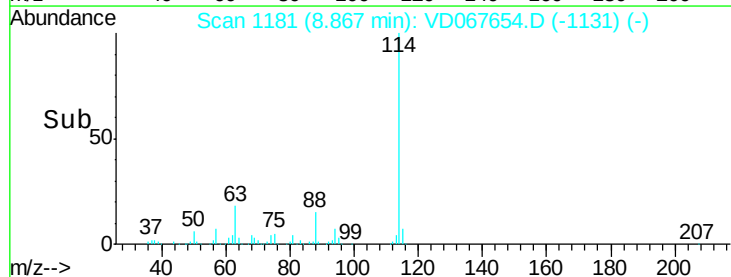
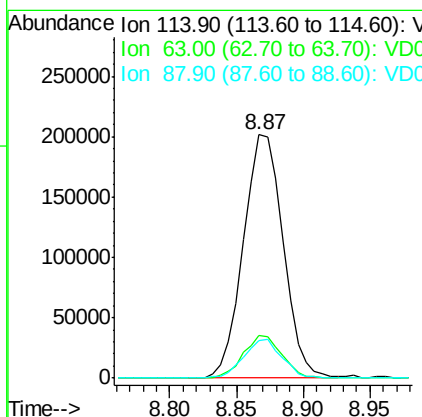
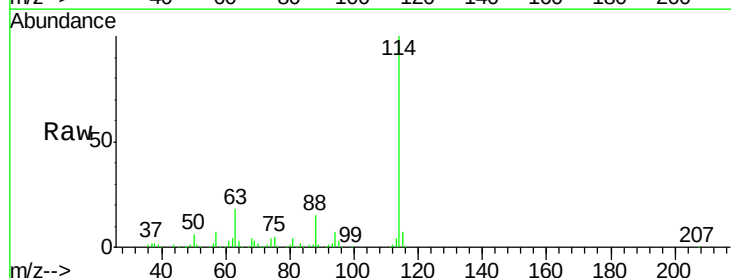
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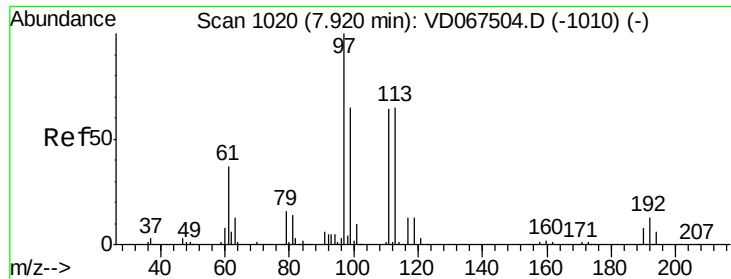
MMDadoda
 11/18/2020 10:50:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.0
88	15.4	0.0	33.0





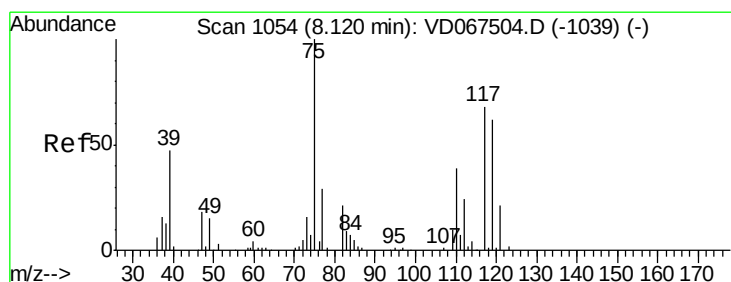
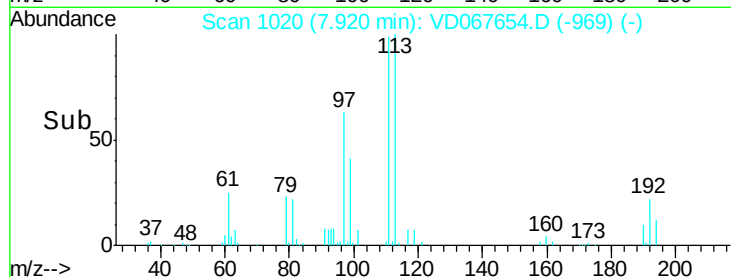
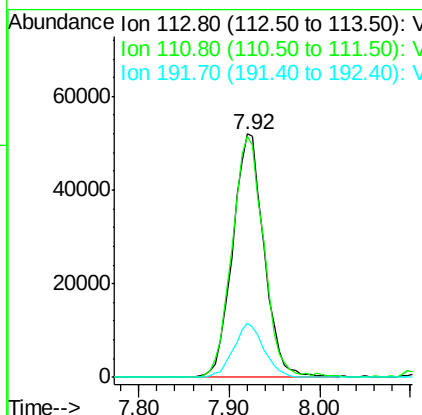
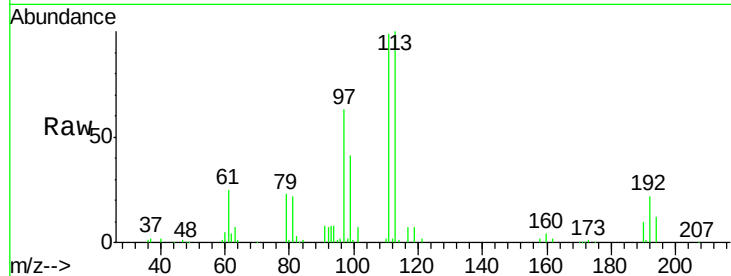
#35
 Dibromofluoromethane
 Concen: 49.623 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124791		
111	99.7	80.0	120.0	
192	21.3	16.3	24.5	

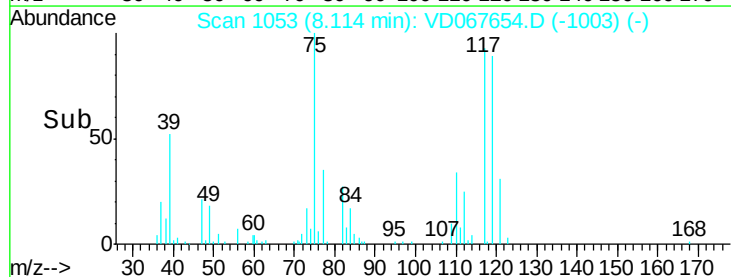
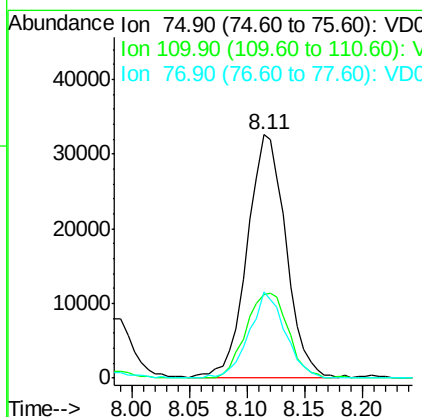
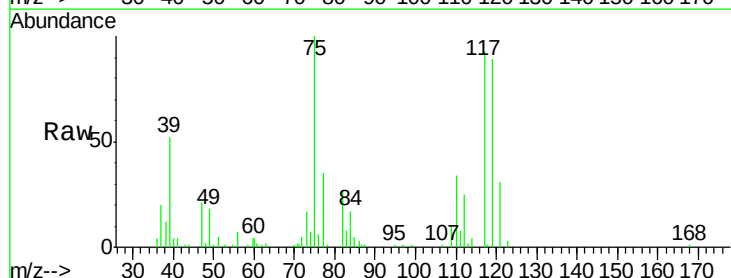
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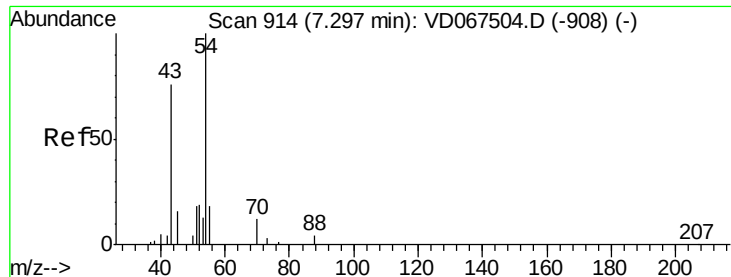
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#36
 1,1-Dichloropropene
 Concen: 21.381 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76391		
110	37.8	19.9	59.7	
77	33.0	24.8	37.2	





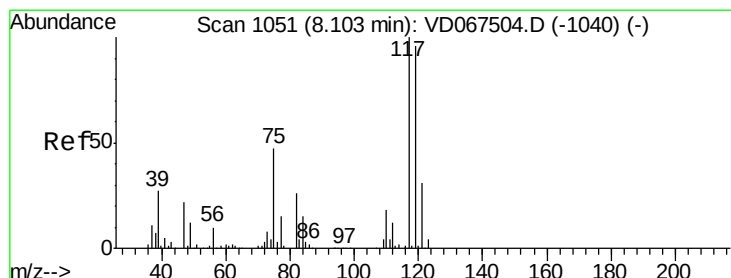
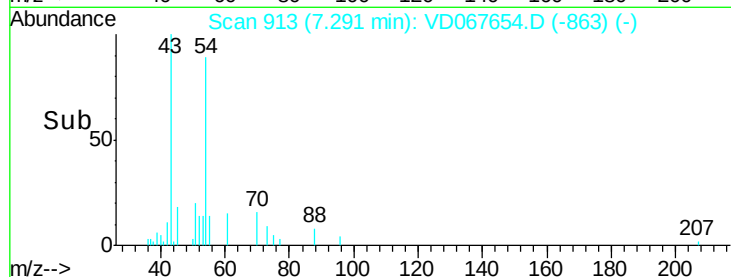
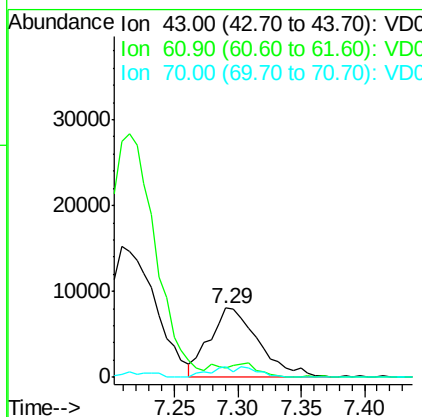
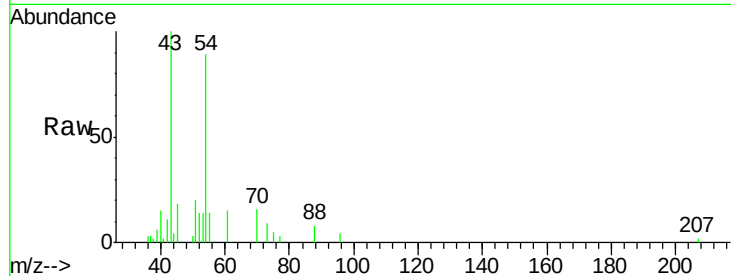
#37
Ethyl Acetate
Concen: 23.451 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.8	12.8	19.2#
70	7.7	11.7	17.5#

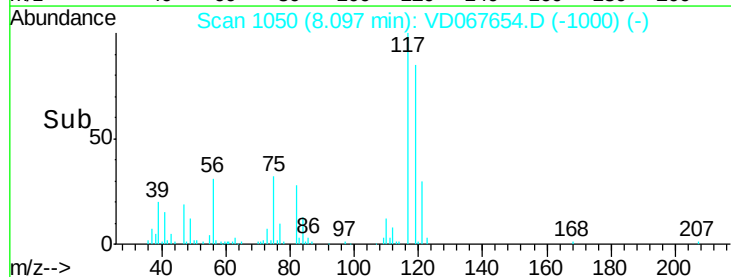
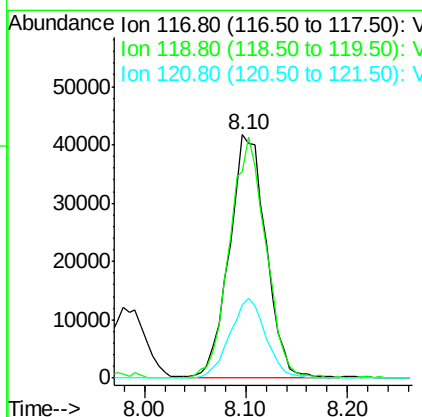
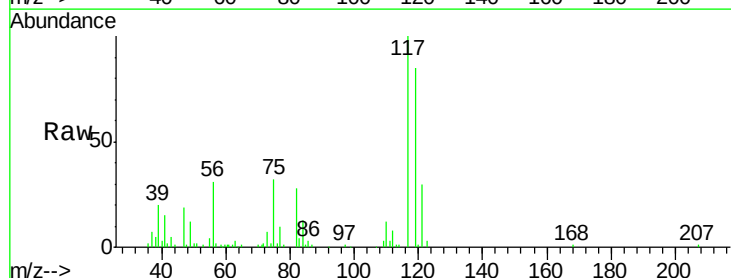
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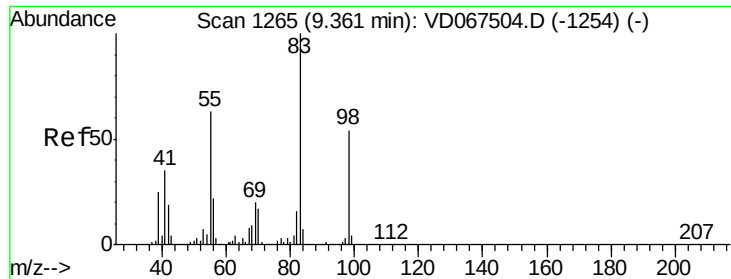
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#38
Carbon Tetrachloride
Concen: 22.368 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.0	76.9	115.3
121	30.3	24.5	36.7





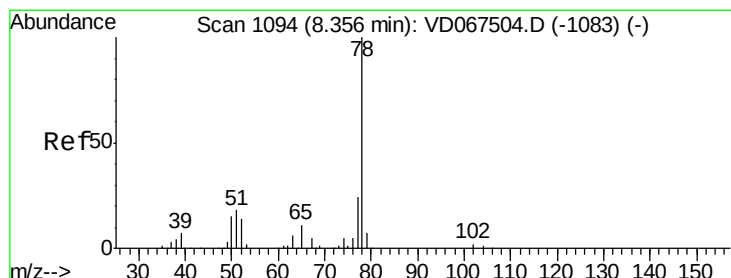
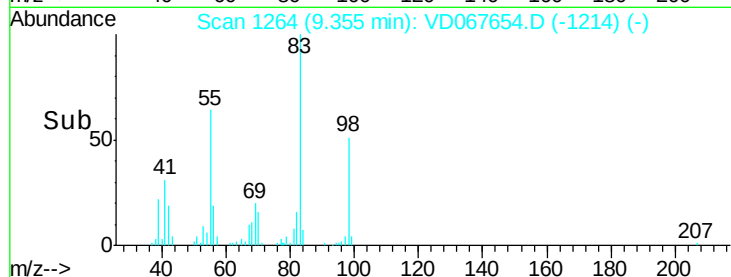
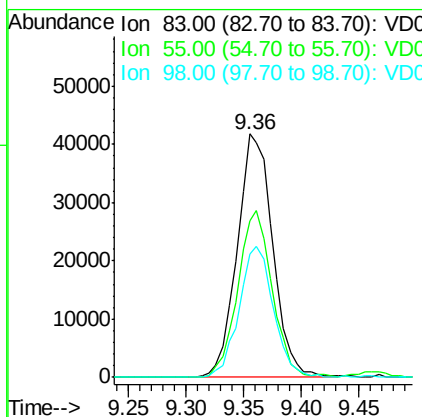
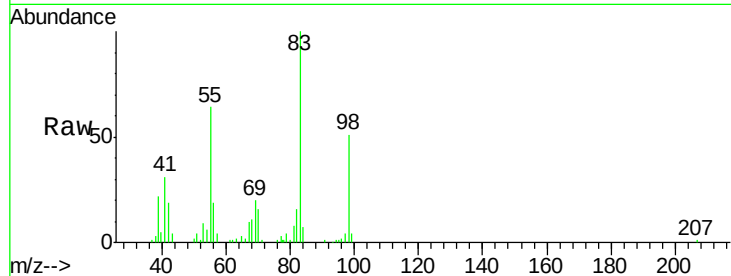
#39
Methylvlcyclohexane
Concen: 21.311 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.4	50.5	75.7
98	50.5	43.4	65.0

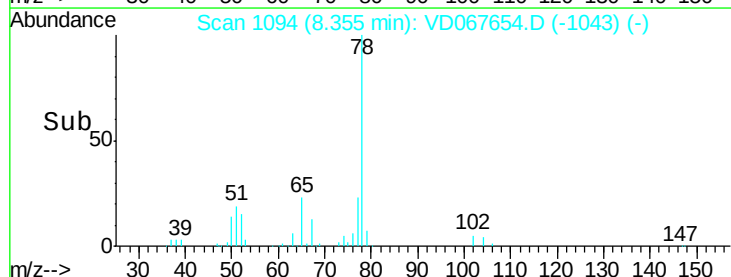
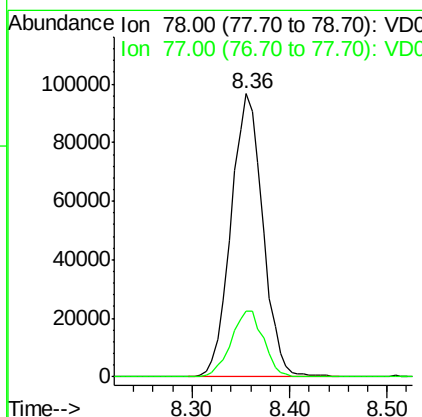
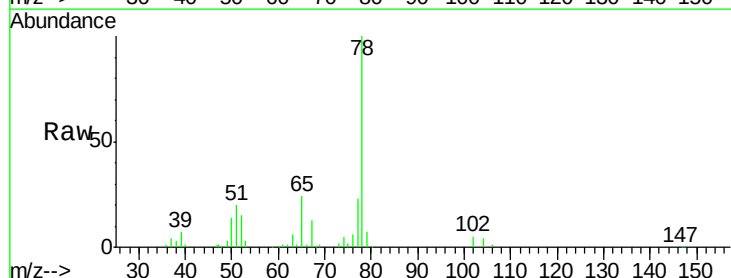
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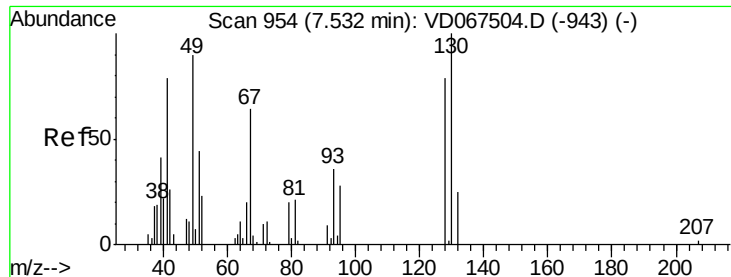
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#40
Benzene
Concen: 22.592 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





#41

Methacrylonitrile

Concen: 16.097 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 41 Resp: 8925

Ion Ratio Lower Upper

41 100

39 90.2 51.3 76.9#

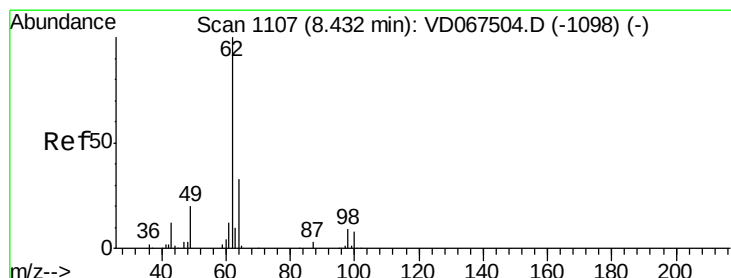
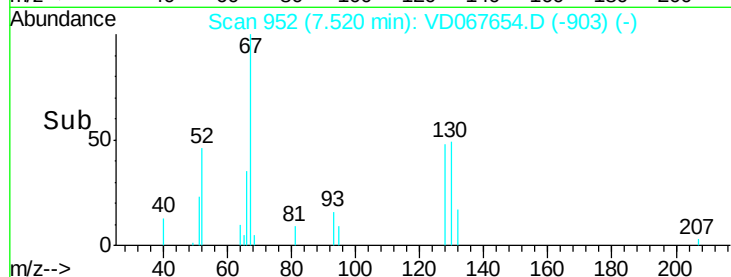
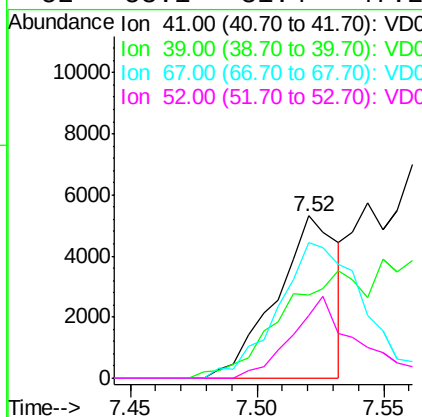
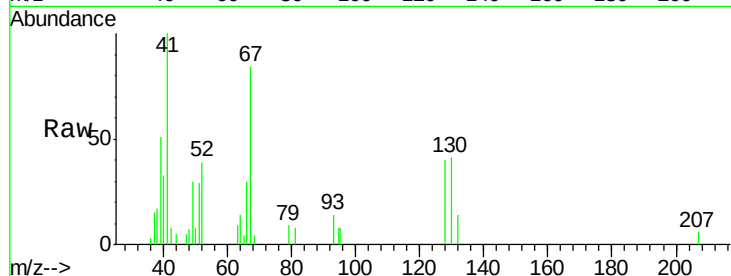
67 119.6 78.9 118.3#

52 53.1 31.4 47.2#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 22.925 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067654.D

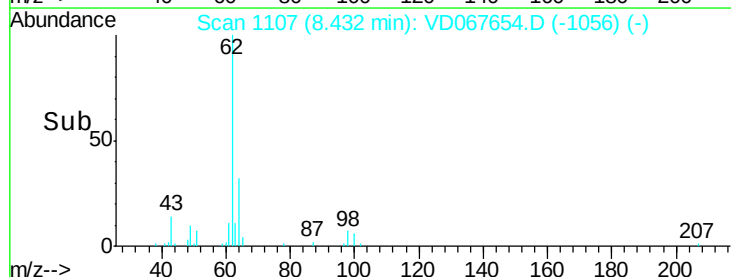
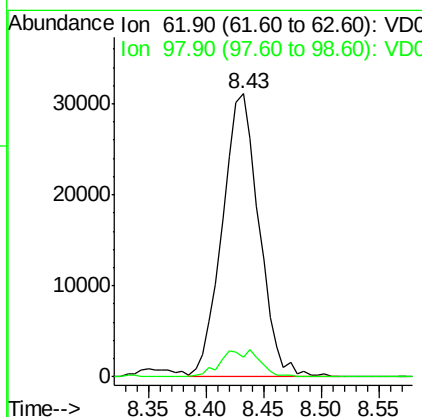
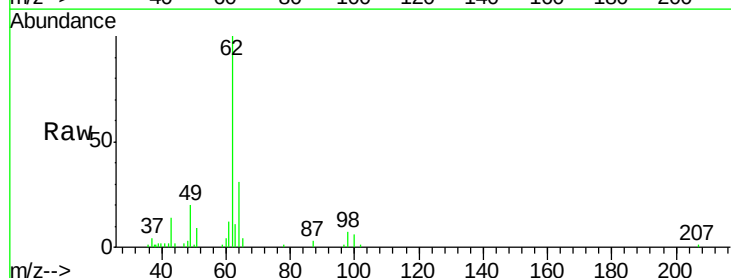
Acq: 17 Nov 2020 11:27

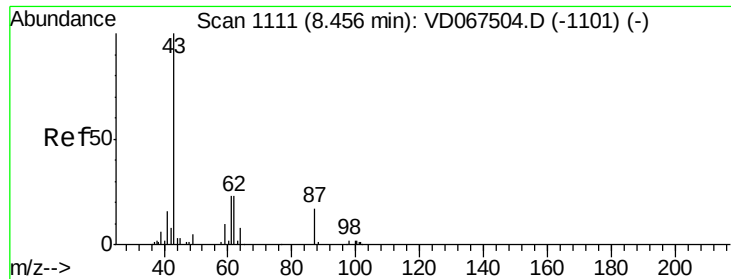
Tgt Ion: 62 Resp: 68550

Ion Ratio Lower Upper

62 100

98 10.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.027 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

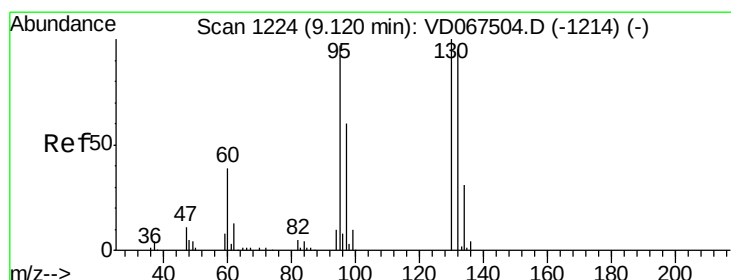
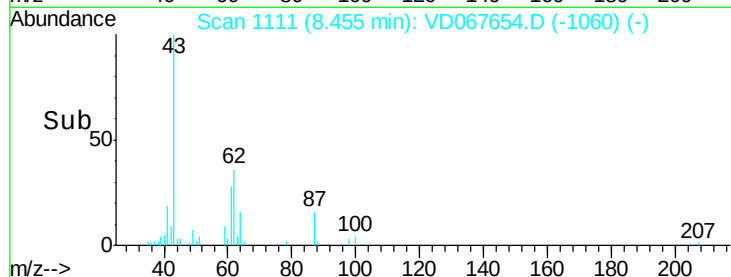
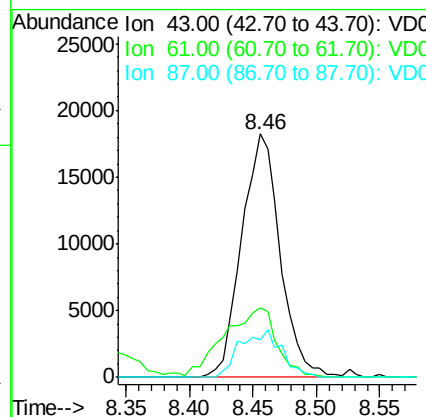
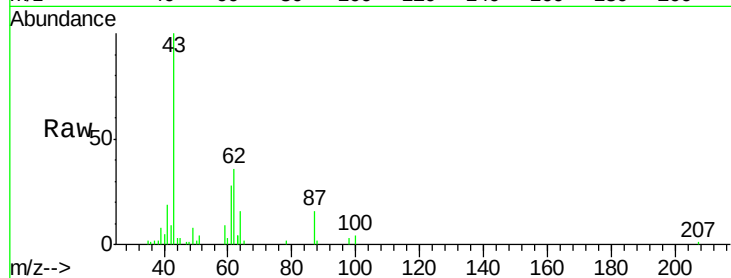
ClientSampleId :

VD1117SBS01

Tot Ion:	43	Resp:	38573
Ion	Ratio	Lower	Upper
43	100		
61	39.5	30.5	45.7
87	20.7	14.7	22.1

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#44

Trichloroethene

Concen: 21.560 ug/l

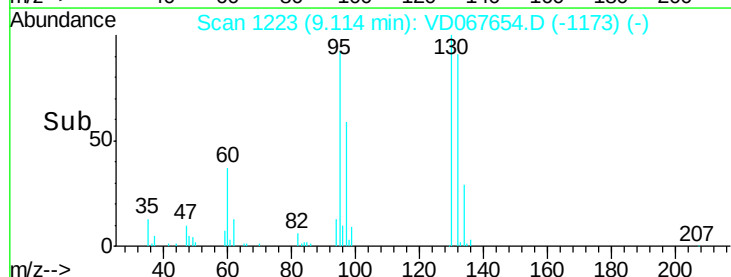
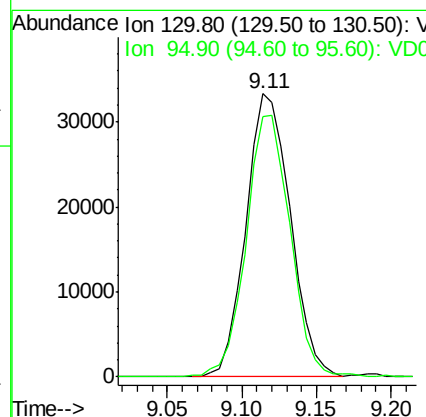
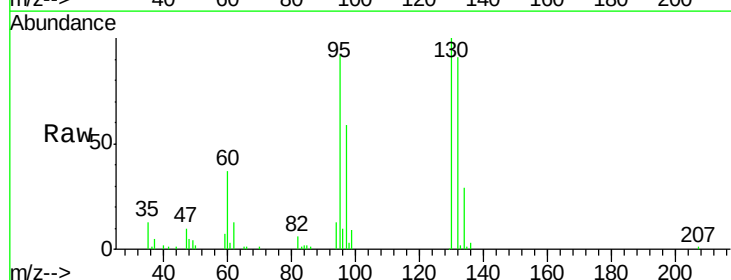
RT: 9.11 min Scan# 1223

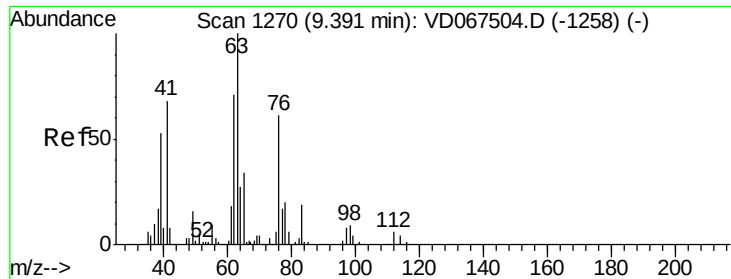
Delta R.T. -0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	130	Resp:	68606
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	194.4





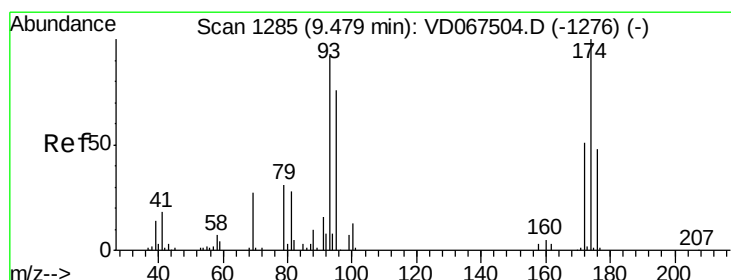
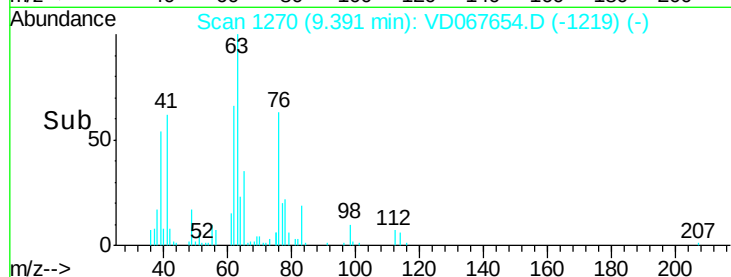
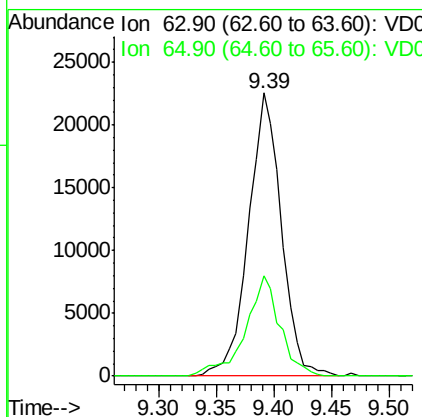
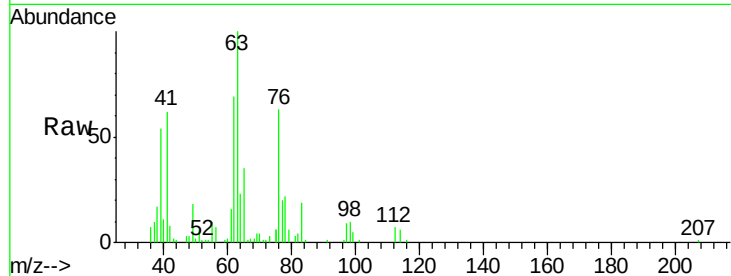
#45
 1,2-Dichloropropane
 Concen: 21.371 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Tot Ion: 63 Resp: 44717
 Ion Ratio Lower Upper
 63 100
 65 35.5 26.9 40.3

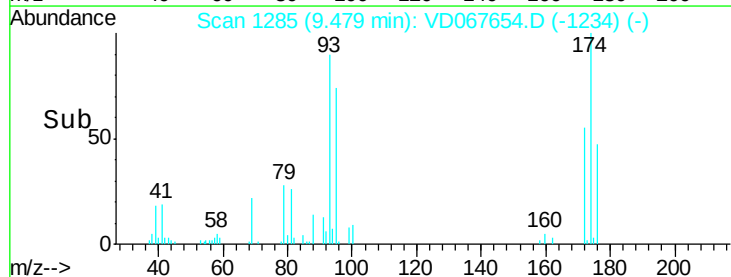
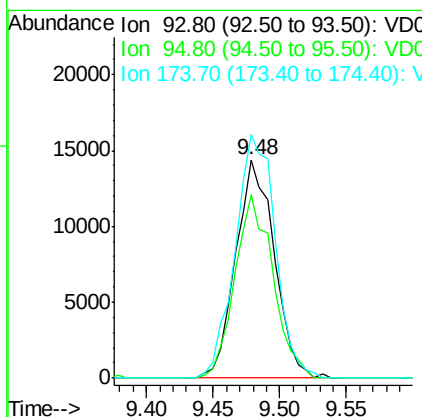
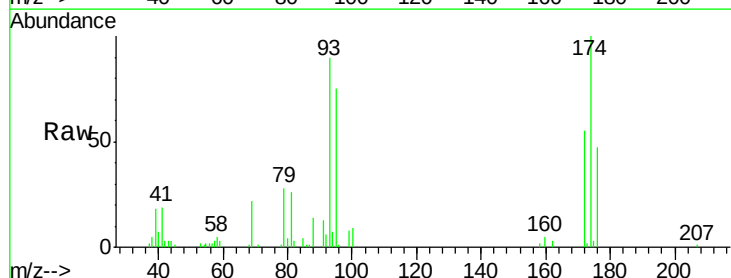
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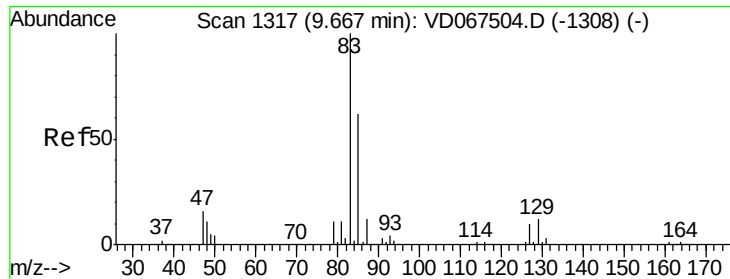
MMDadoda
 11/18/2020 10:50:19 AM



#46
 Dibromomethane
 Concen: 21.582 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion: 93 Resp: 28713
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 116.3 88.2 132.4





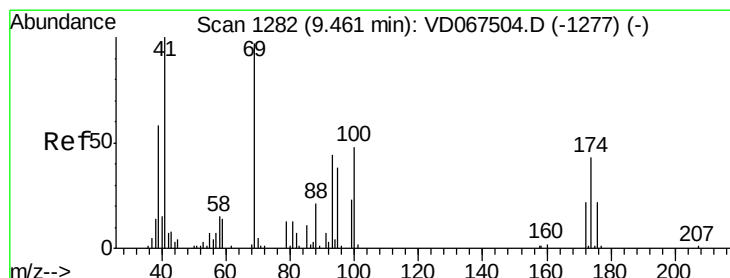
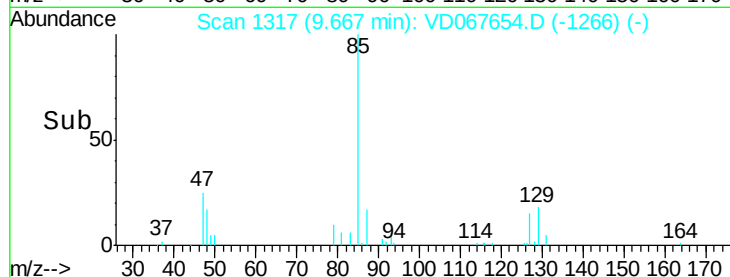
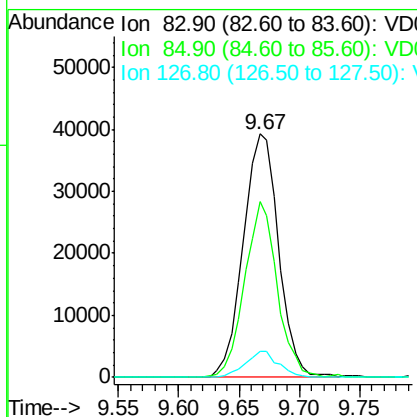
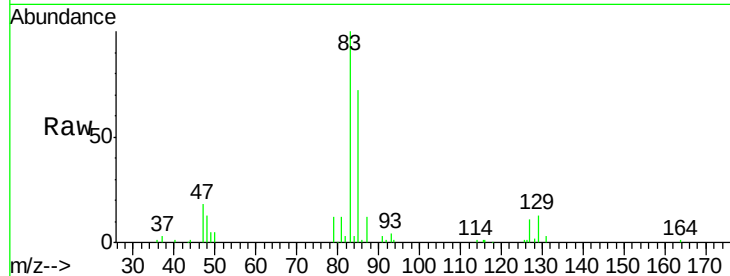
#47
Bromodichloromethane
Concen: 22.159 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	72.4	49.4	74.2
127	10.6	7.7	11.5

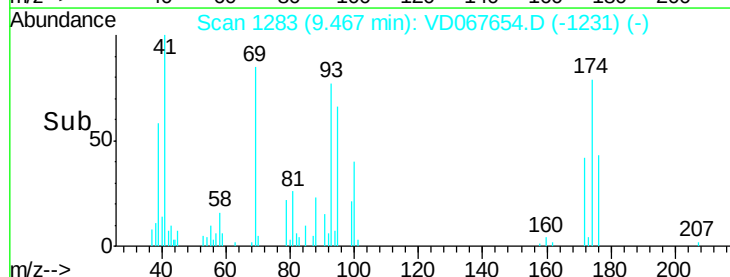
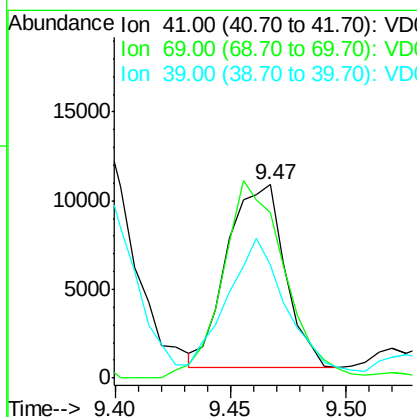
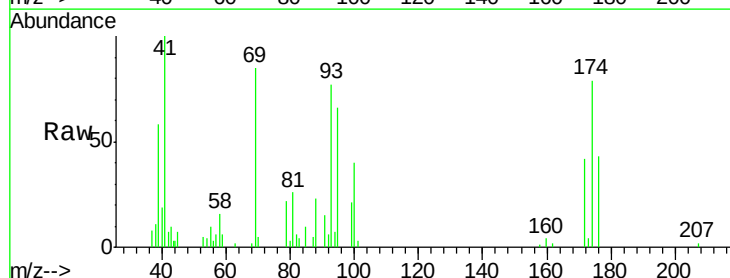
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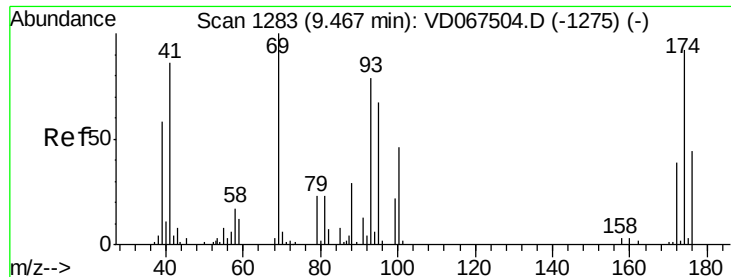
MMDadoda
11/18/2020 10:50:19 AM



#48
Methyl methacrylate
Concen: 19.075 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	114.9	80.6	121.0
39	83.0	50.2	75.4





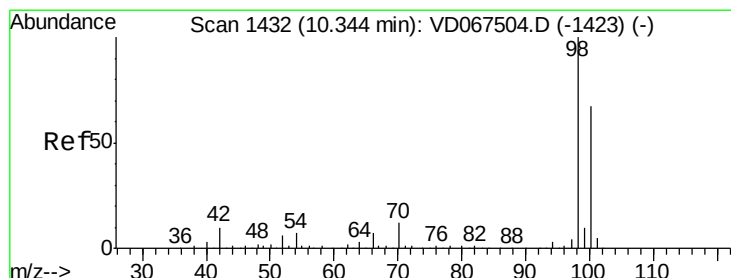
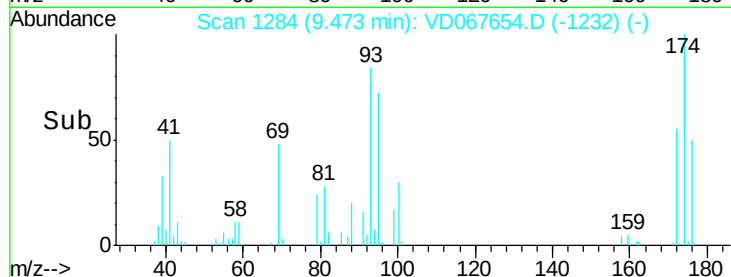
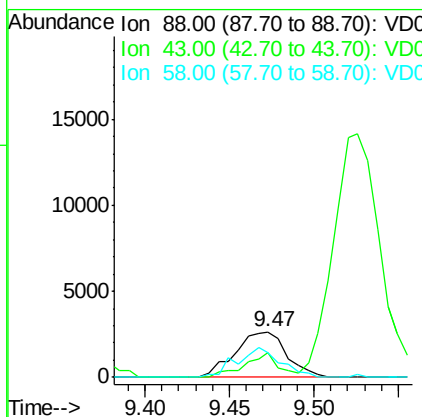
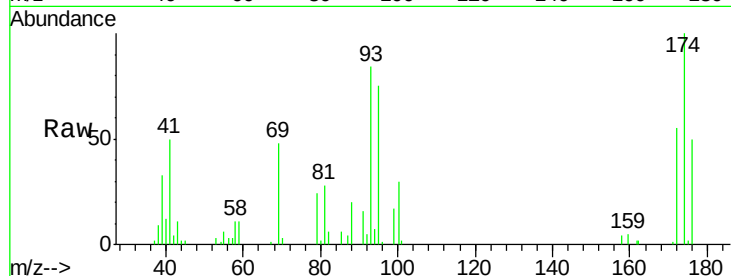
#49
1,4-Dioxane
Concen: 417.075 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBSD01

Tot Ion	88	Resp	5633
Ion	Ratio	Lower	Upper
88	100		
43	36.0	23.6	35.4#
58	55.2	44.7	67.1

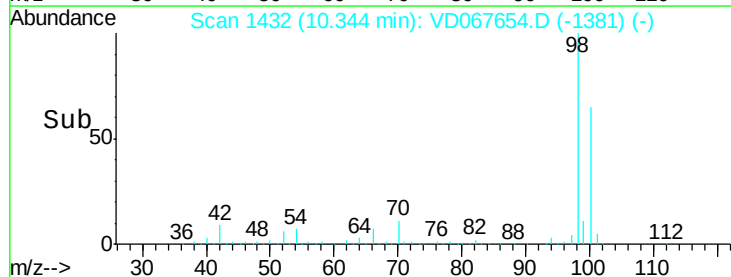
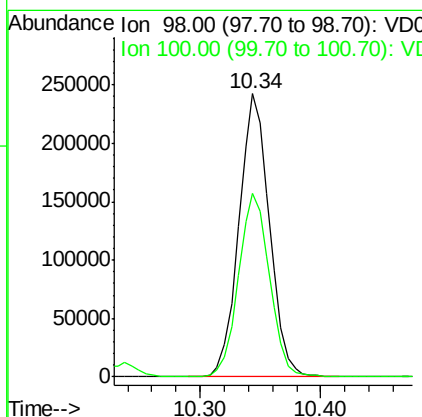
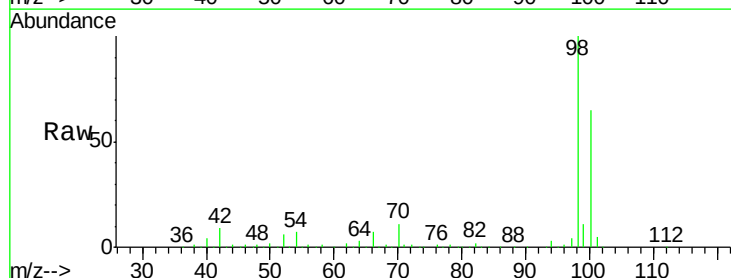
Manual Integrations
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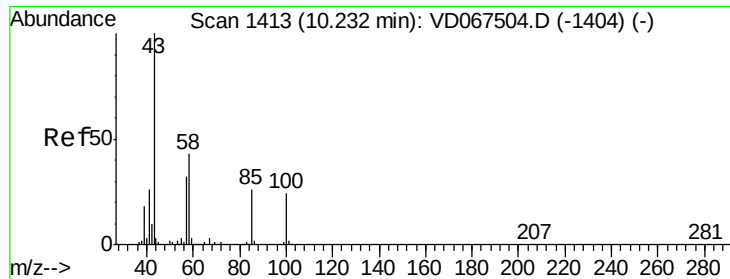
MMDadoda
11/18/2020 10:50:19 AM



#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	98	Resp	426569
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6





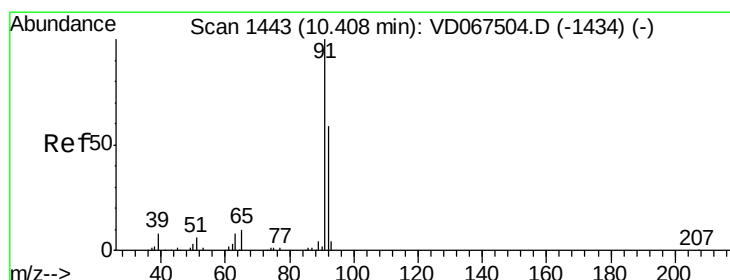
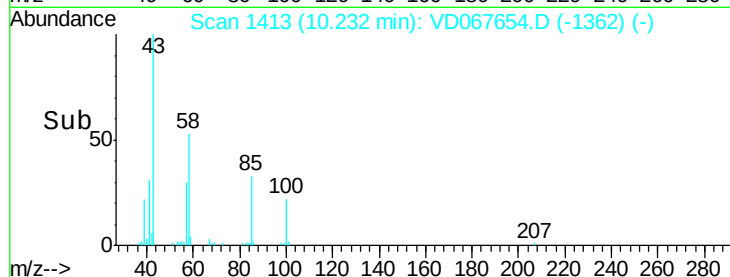
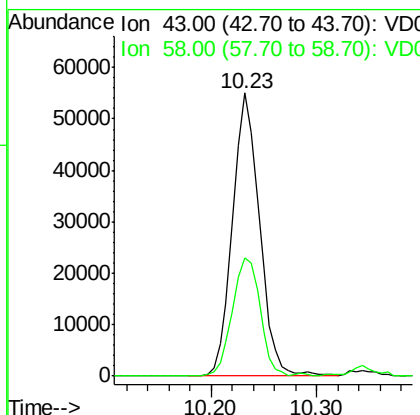
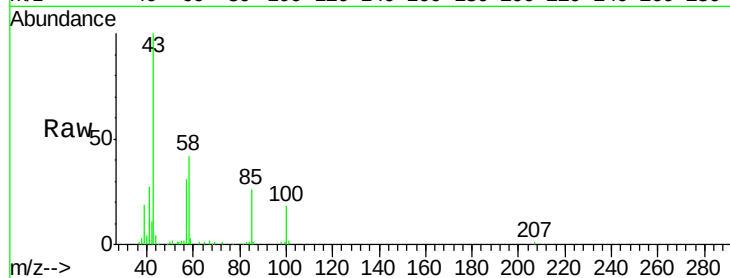
#51
4-Methyl-2-Pentanone
Concen: 110.893 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion: 43 Resp: 97289
Ion Ratio Lower Upper
43 100
58 43.2 35.6 53.4

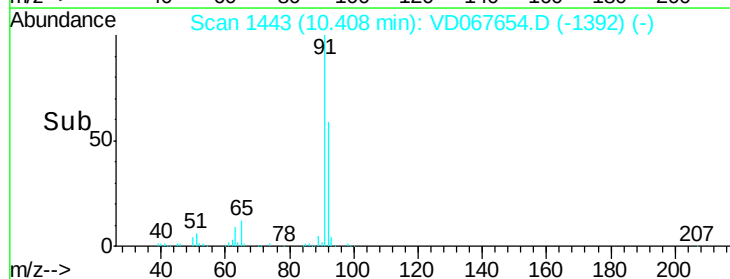
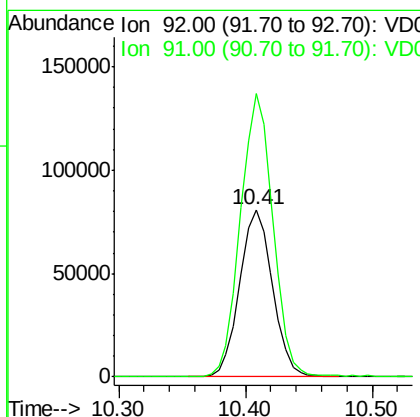
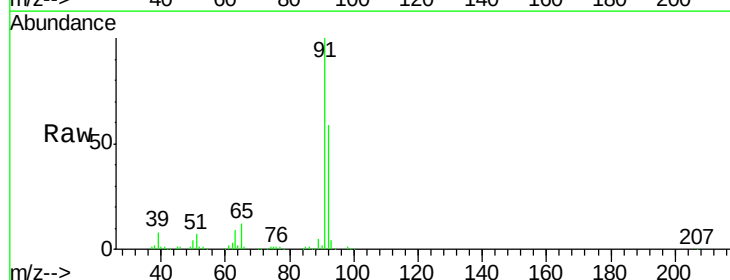
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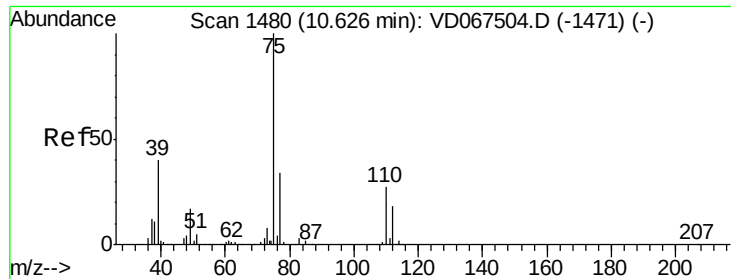
MMDadoda
11/18/2020 10:50:19 AM



#52
Toluene
Concen: 22.534 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion: 92 Resp: 146068
Ion Ratio Lower Upper
92 100
91 167.5 137.0 205.6





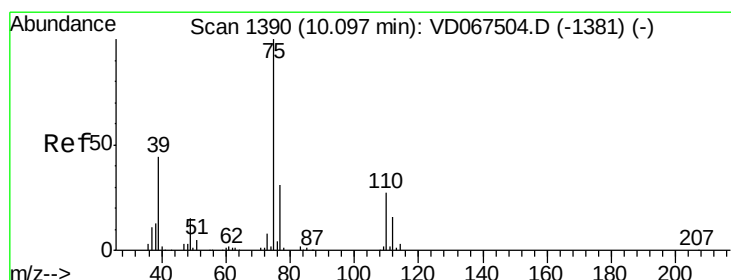
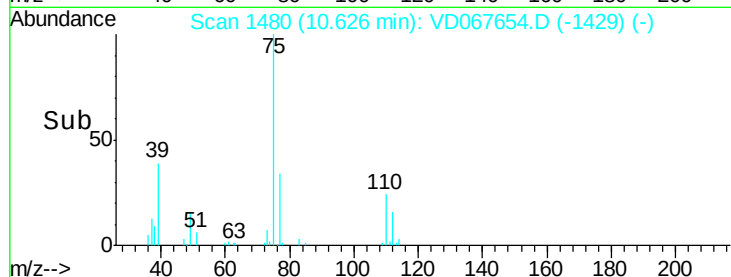
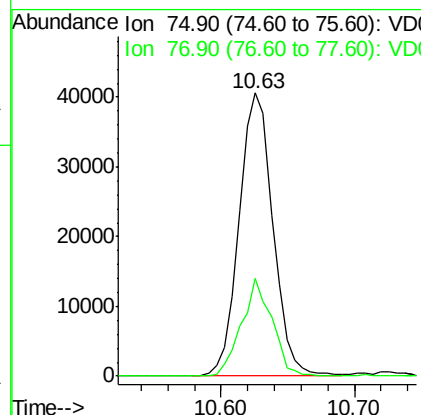
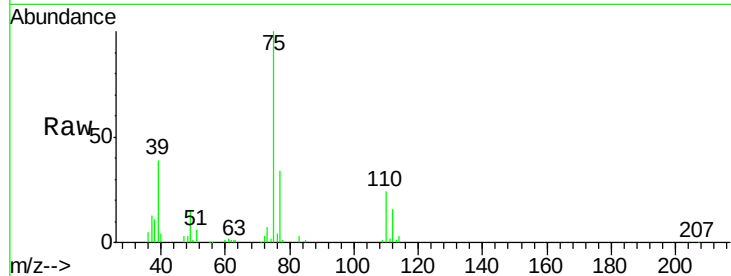
#53
 t-1,3-Dichloropropene
 Concen: 23.059 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.4	27.0	40.6

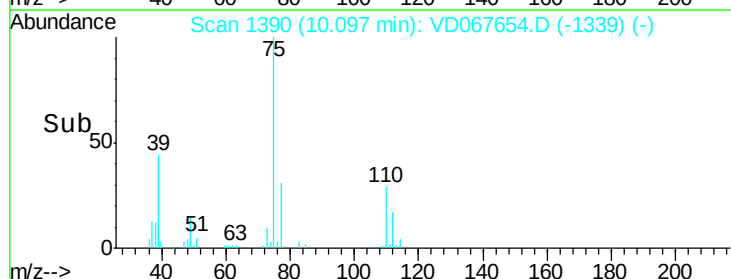
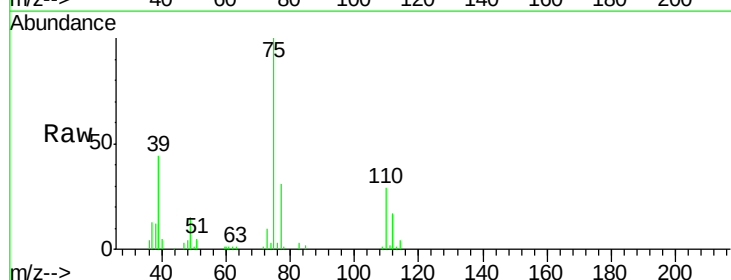
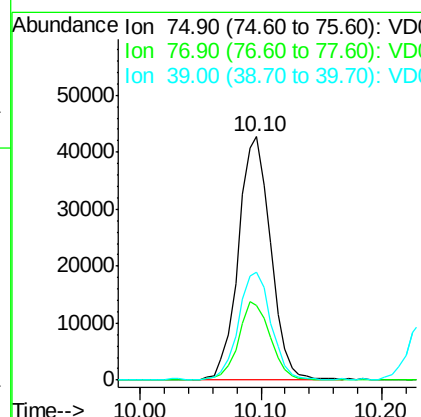
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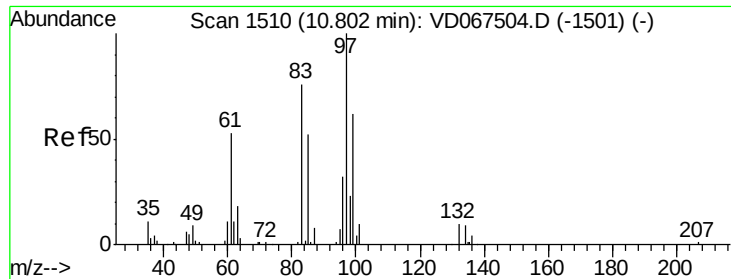
MMDadoda
 11/18/2020 10:50:19 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.707 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.4	36.6
39	44.3	35.6	53.4





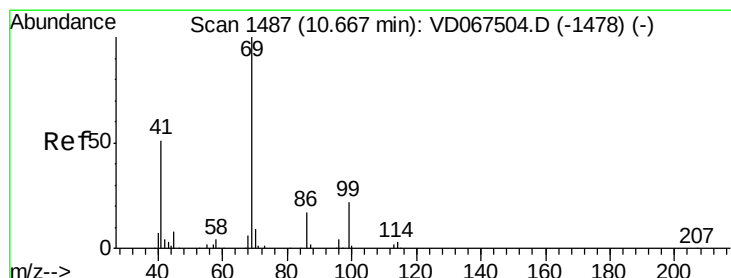
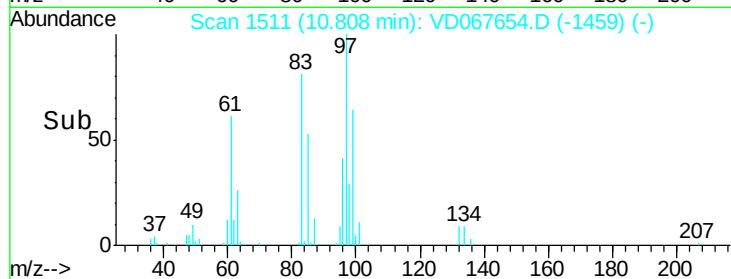
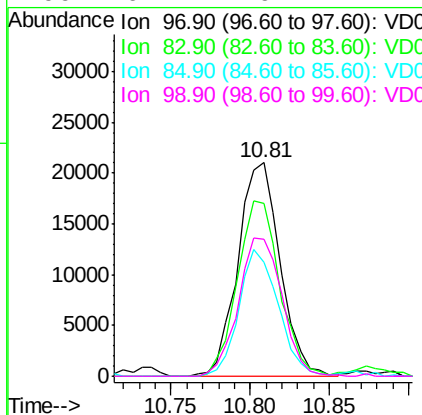
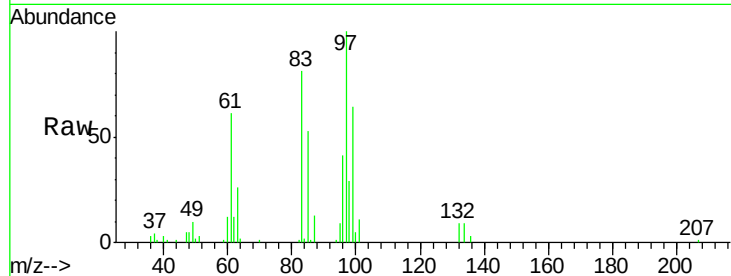
#55
 1,1,2-Trichloroethane
 Concen: 22.104 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	38910		
83	80.8	61.0	91.6	
85	53.2	41.5	62.3	
99	64.1	49.4	74.2	

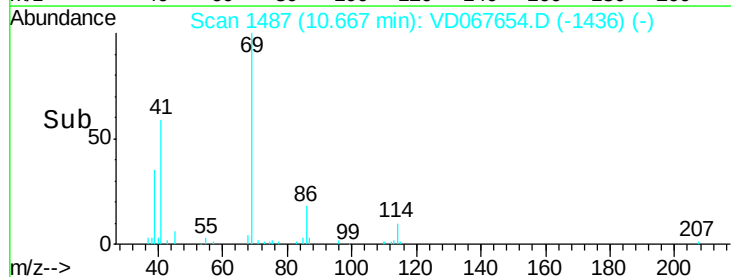
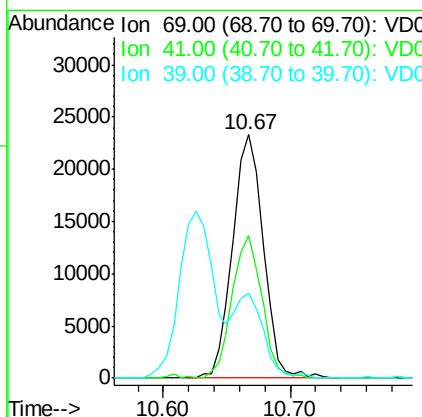
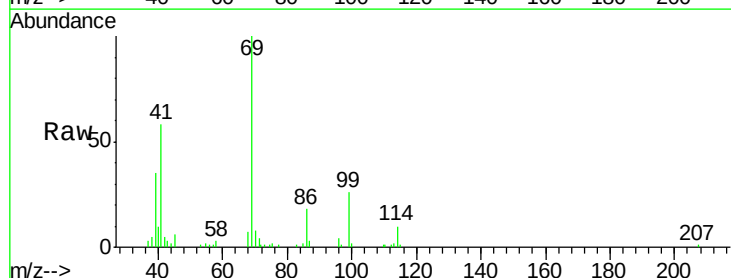
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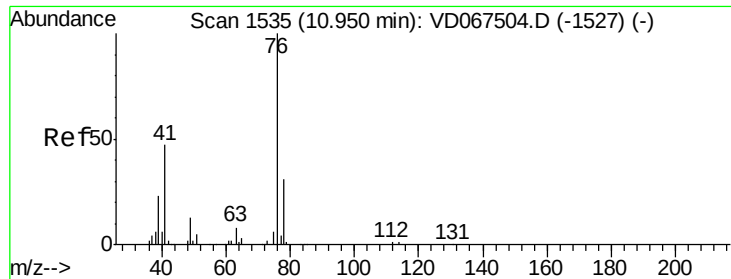
MMDadoda
 11/18/2020 10:50:19 AM



#56
 Ethyl methacrylate
 Concen: 21.547 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	39168		
41	56.6	45.4	68.0	
39	33.8	27.4	41.0	





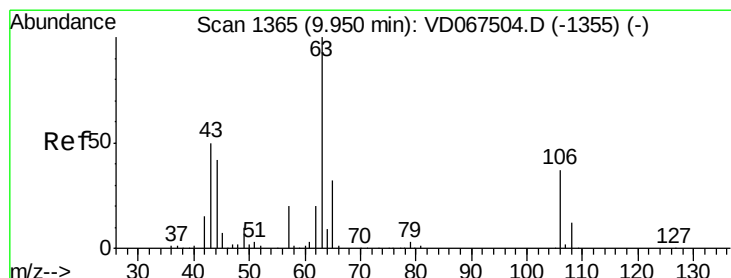
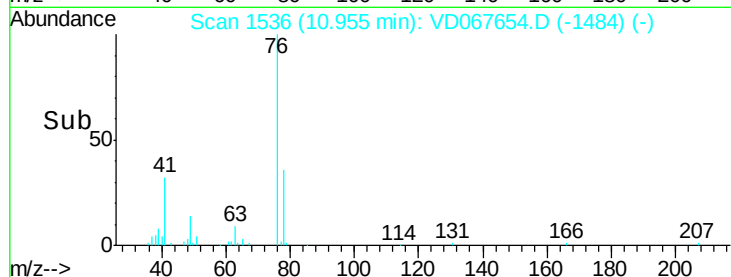
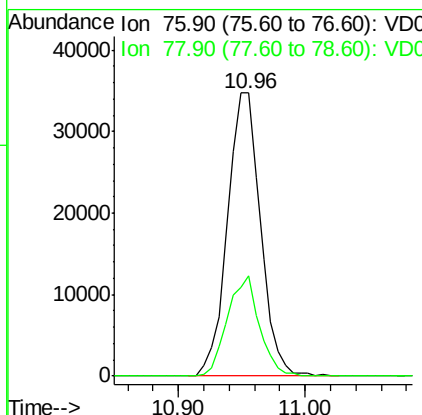
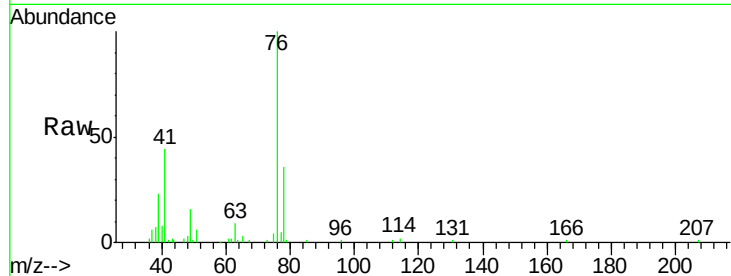
#57
 1,3-Dichloropropane
 Concen: 22.039 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Tot Ion: 76 Resp: 62429
 Ion Ratio Lower Upper
 76 100
 78 34.1 26.1 39.1

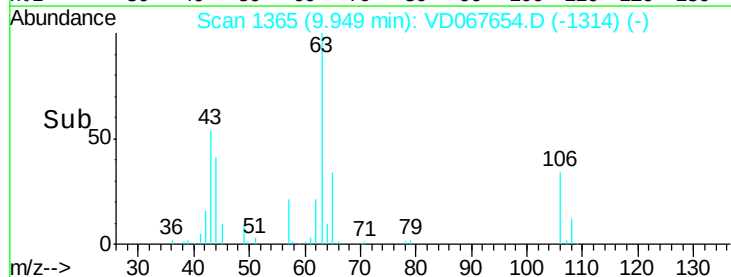
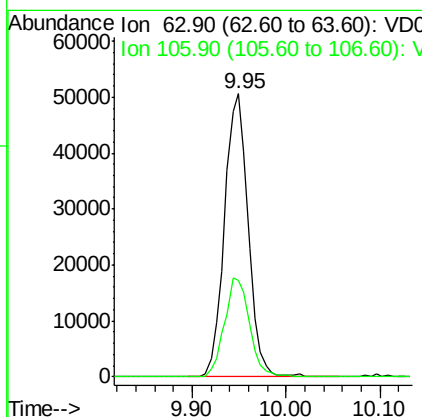
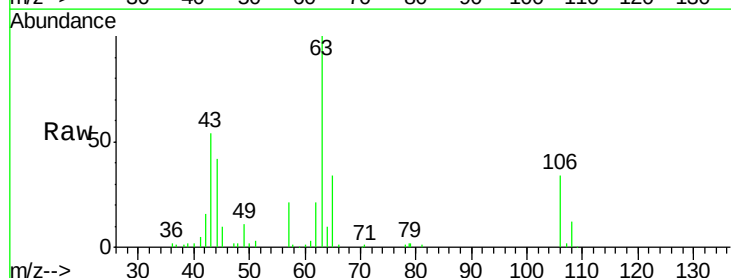
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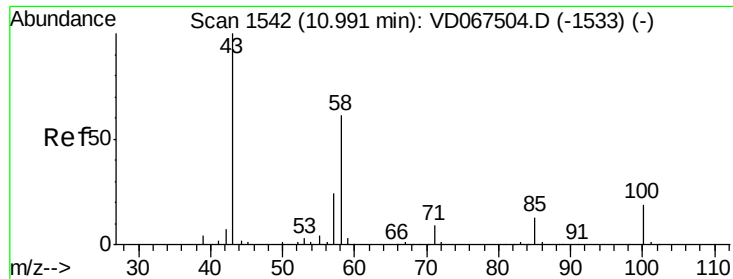
MMDadoda
 11/18/2020 10:50:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.374 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion: 63 Resp: 88477
 Ion Ratio Lower Upper
 63 100
 106 37.1 29.2 43.8





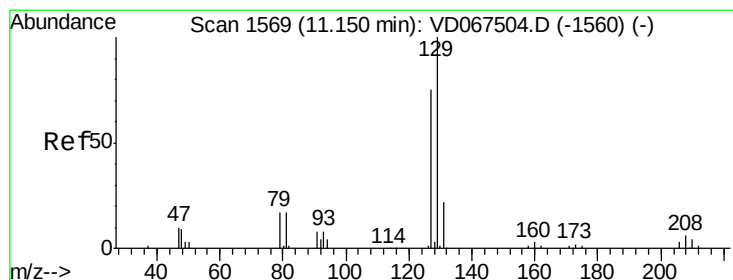
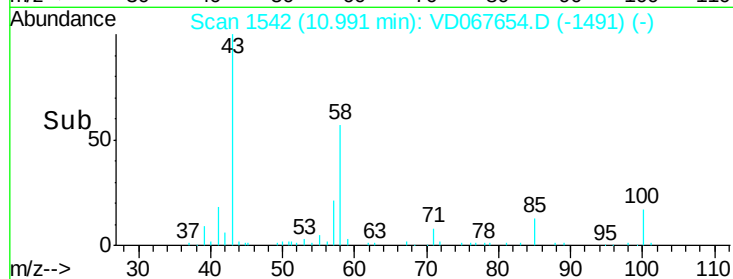
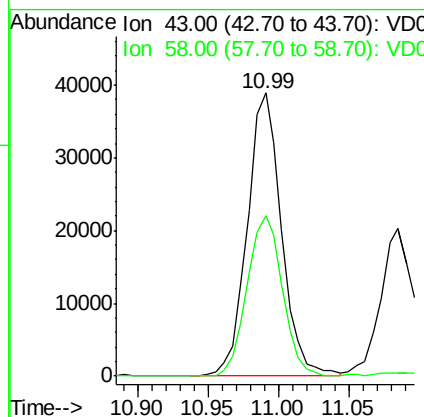
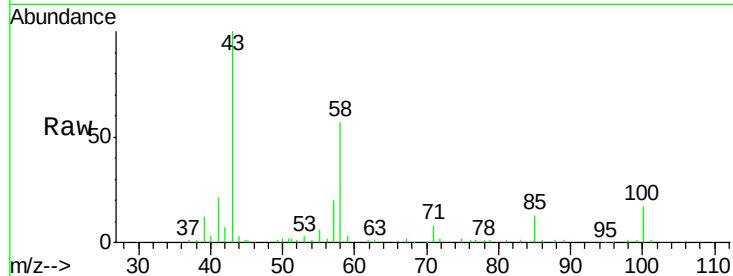
#59
2-Hexanone
Concen: 107.785 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBSD01

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	58.4	30.3	66118	90.9	

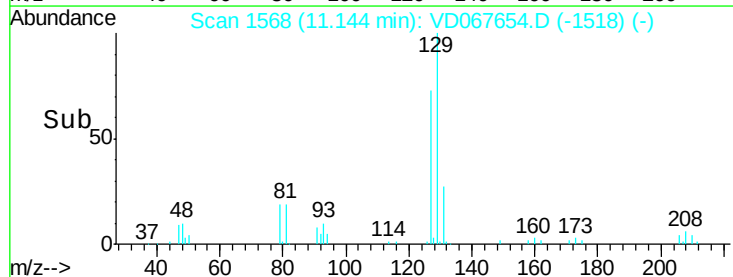
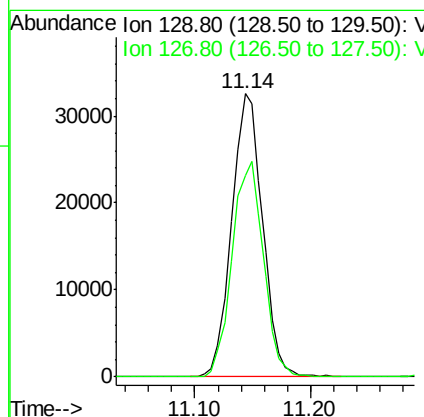
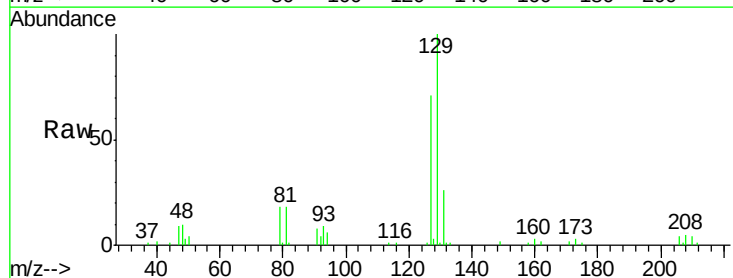
Manual Integrations
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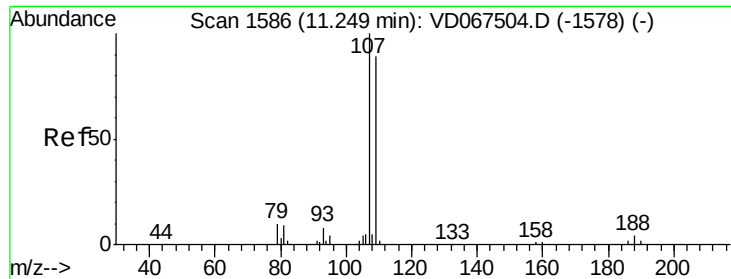
MMDadoda
11/18/2020 10:50:19 AM



#60
Dibromochloromethane
Concen: 23.103 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	129	127	Resp	Lower	Upper
129	100		60160		
127	77.4	38.0	114.1		





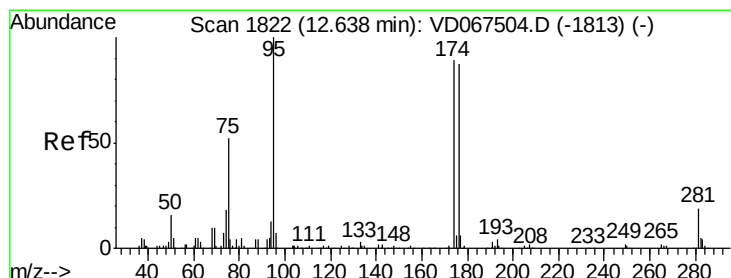
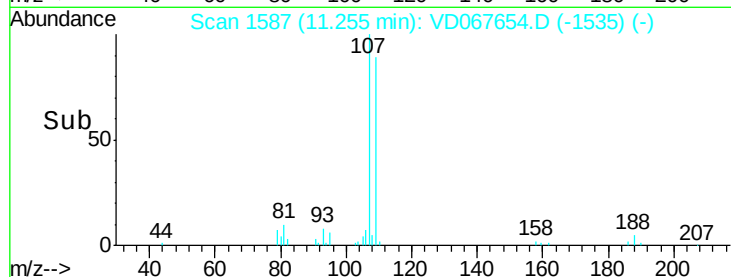
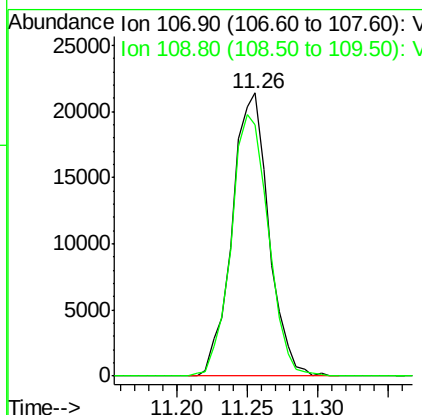
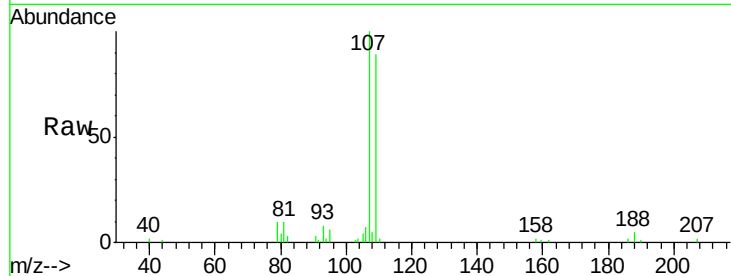
#61
 1,2-Dibromoethane
 Concen: 21.901 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.6	111.8

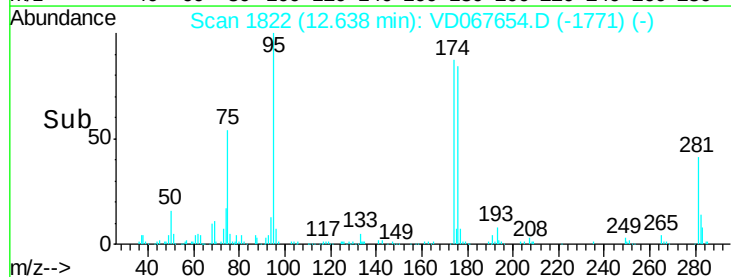
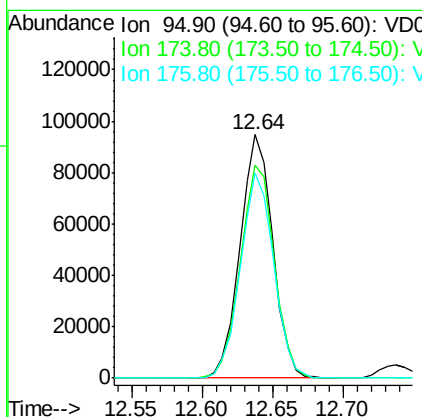
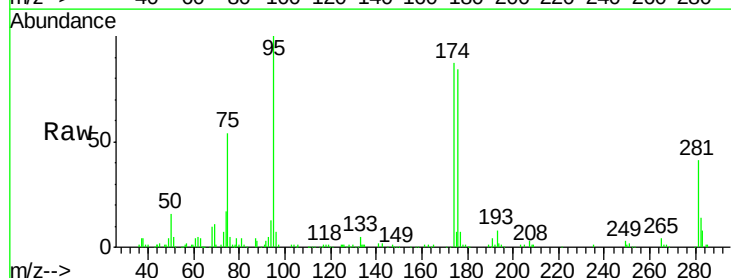
Manual Integrations
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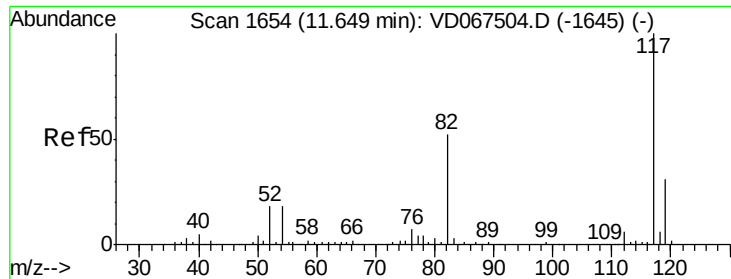
MMDadoda
 11/18/2020 10:50:19 AM



#62
 4-Bromofluorobenzene
 Concen: 50.265 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	177.8
176	86.0	0.0	172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

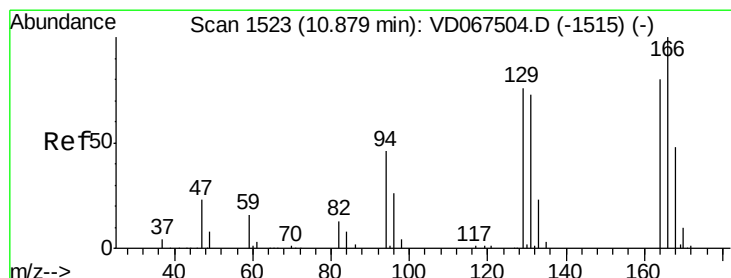
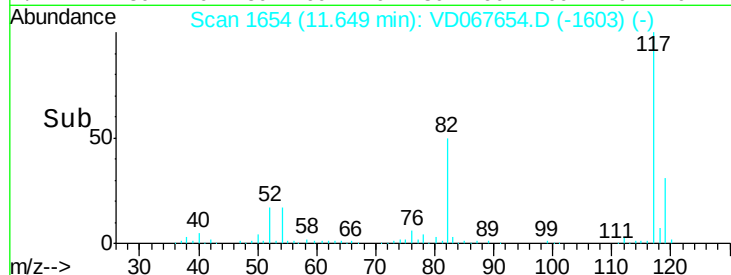
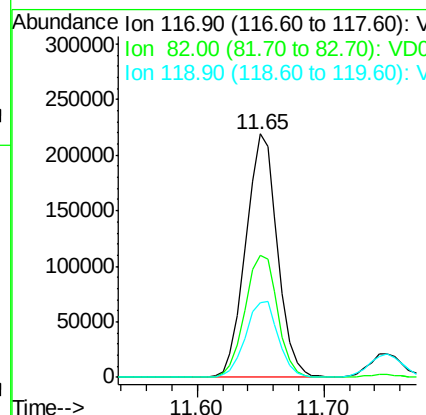
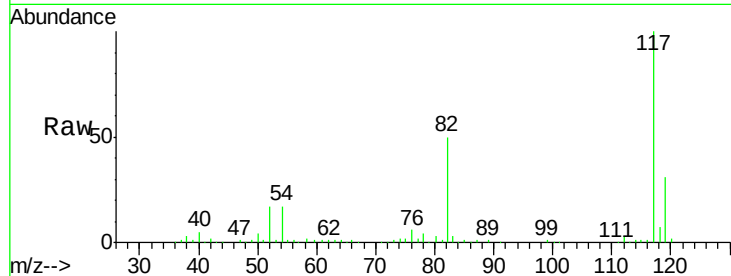
ClientSampleId :

VD1117SBS01

Tot Ion:	117	Resp:	380520
Ion Ratio	Lower	Upper	
117	100		
82	50.3	41.6	62.4
119	30.7	25.1	37.7

Manual Integrations
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11/18/2020 10:50:19 AM



#64

Tetrachloroethene

Concen: 22.782 ug/l

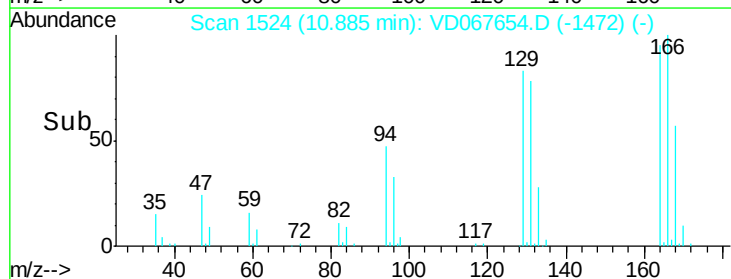
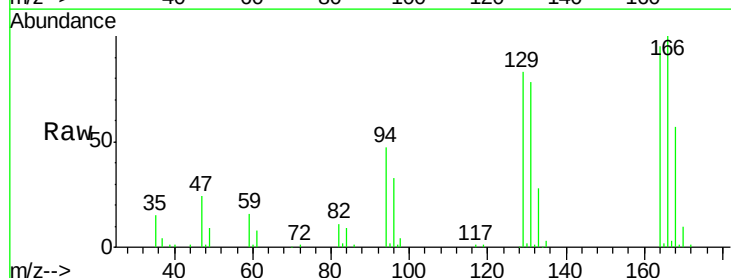
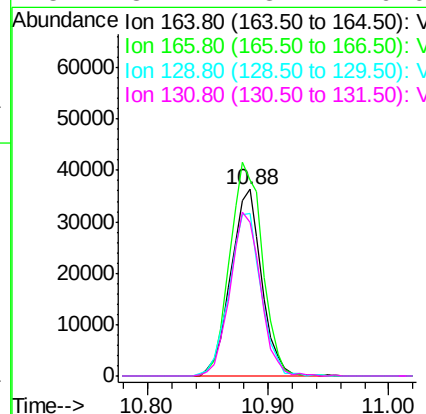
RT: 10.88 min Scan# 1524

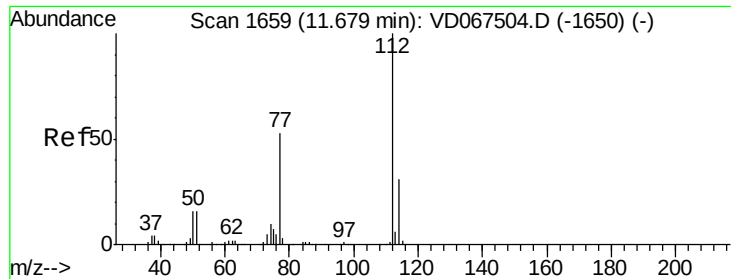
Delta R.T. 0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	164	Resp:	64203
Ion Ratio	Lower	Upper	
164	100		
166	105.3	99.9	149.9
129	87.6	75.5	113.3
131	82.2	73.4	110.0





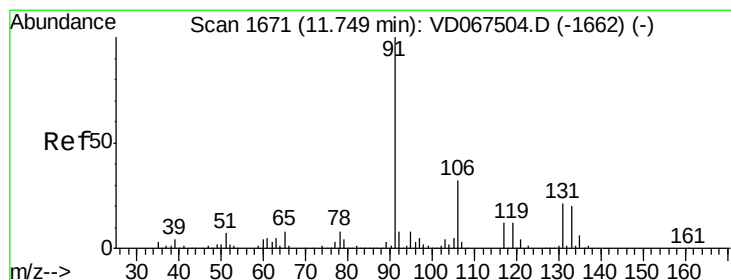
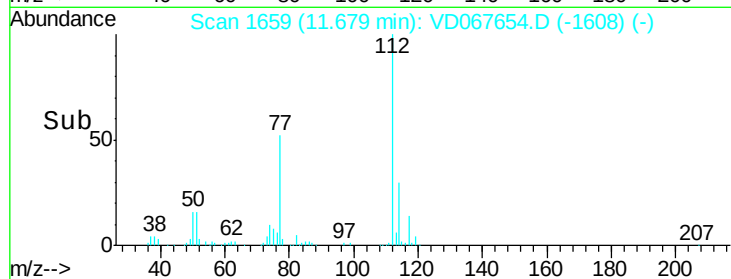
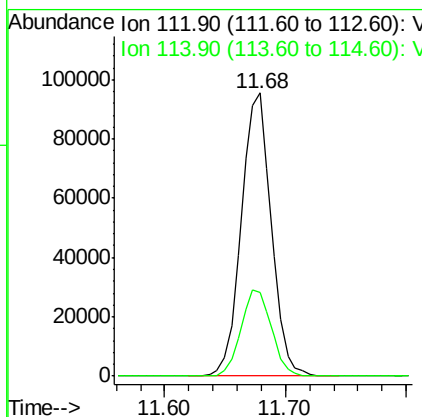
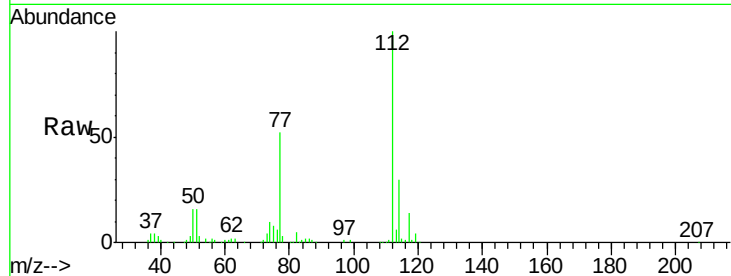
#65
Chlorobenzene
Concen: 22.584 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.6	24.9	37.3

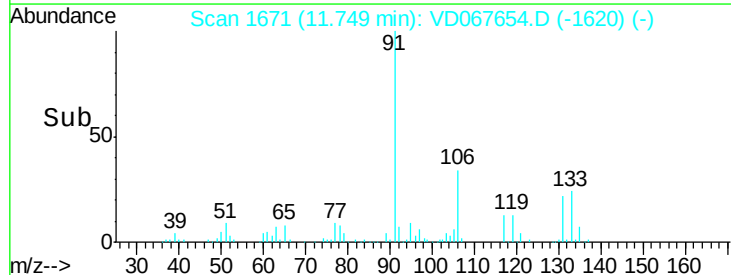
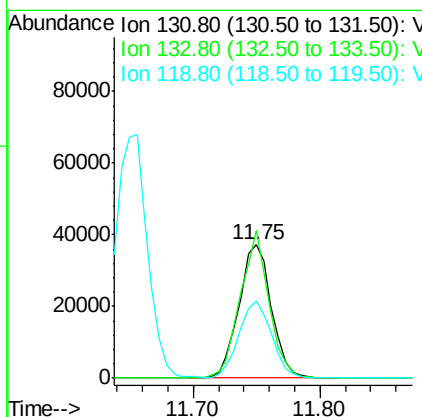
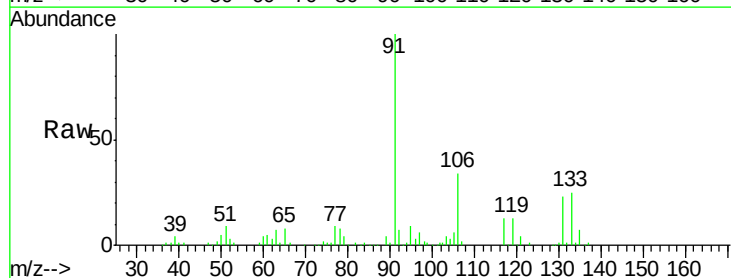
Manual Integrations
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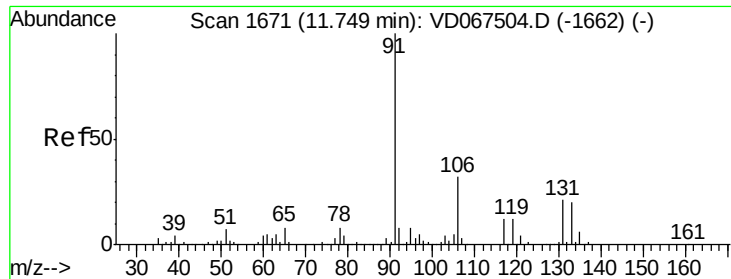
MMDadoda
11/18/2020 10:50:19 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.924 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	48.0	144.0
119	58.1	30.1	90.5





#67

Ethyl Benzene

Concen: 22.251 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion: 91 Resp: 279091

Ion Ratio Lower Upper

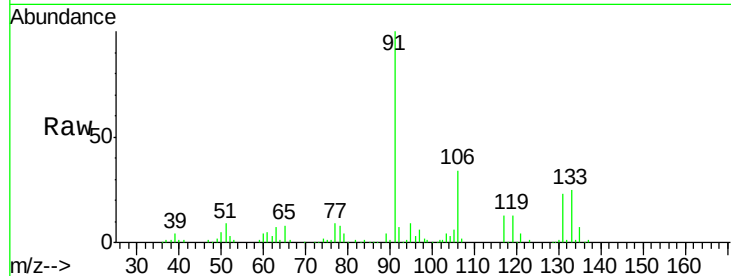
91 100

106 33.8 25.7 38.5

Manual Integrations
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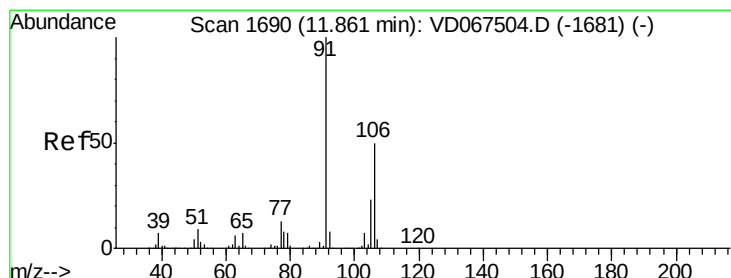
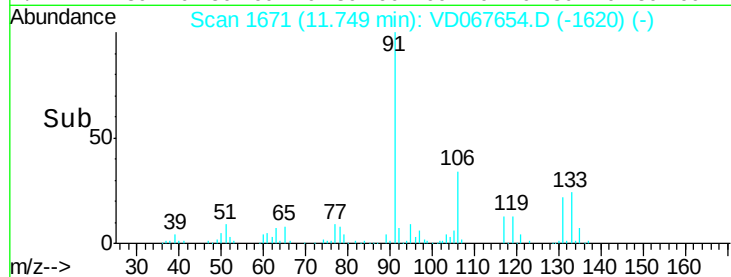
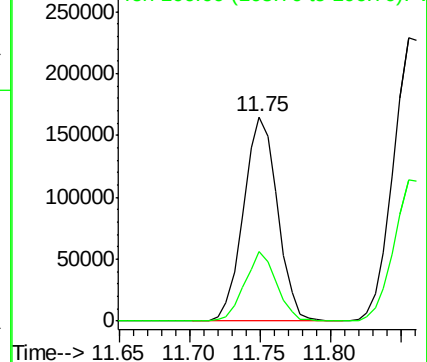
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.734 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067654.D

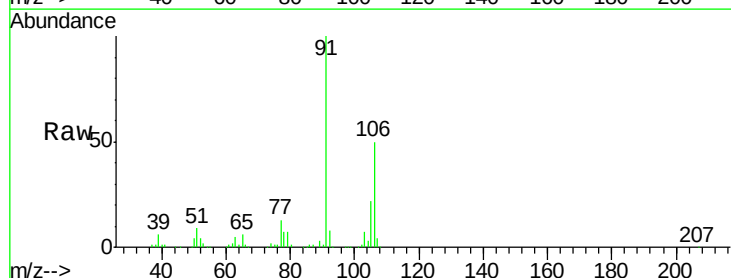
Acq: 17 Nov 2020 11:27

Tgt Ion: 106 Resp: 218291

Ion Ratio Lower Upper

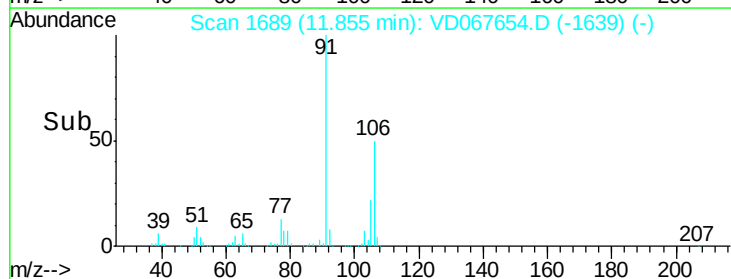
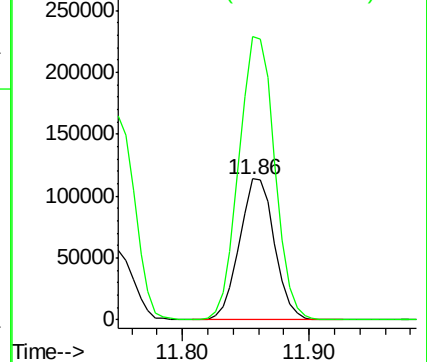
106 100

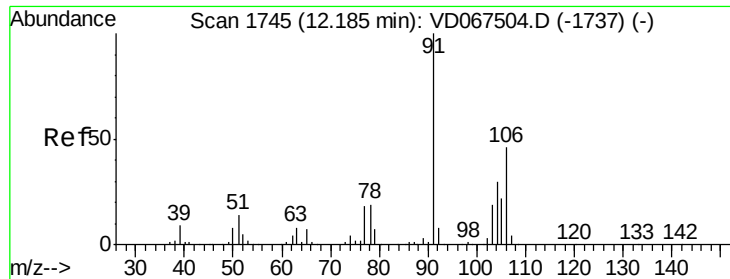
91 205.6 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





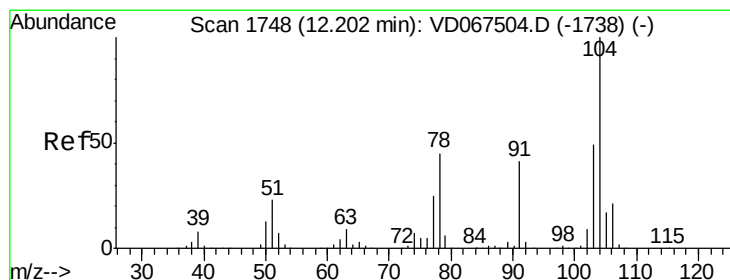
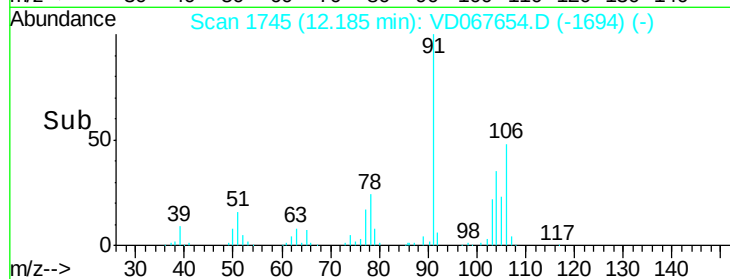
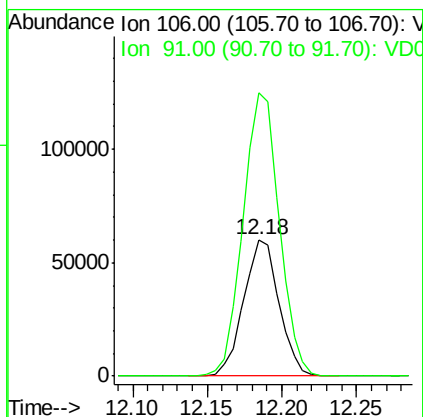
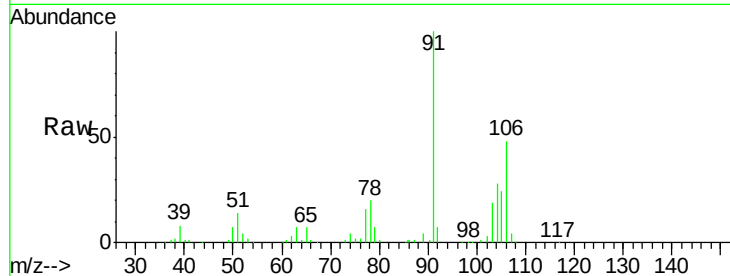
#69
o-Xylene
Concen: 22.579 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBSD01

Tot Ion:106 Resp: 98371
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.1

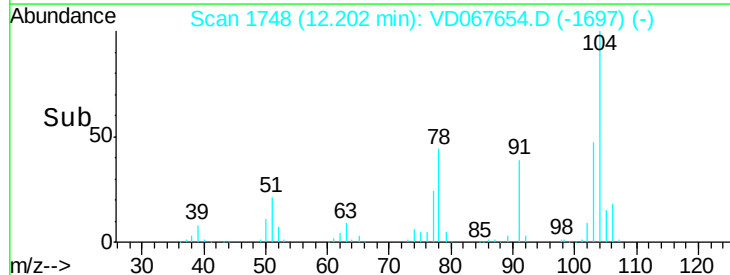
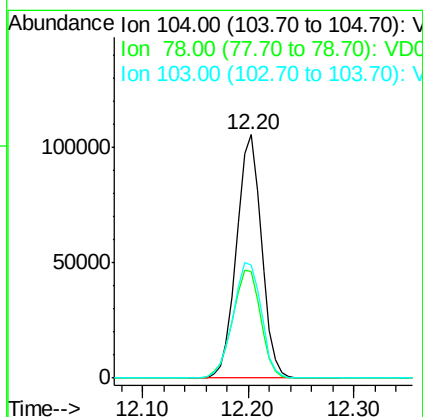
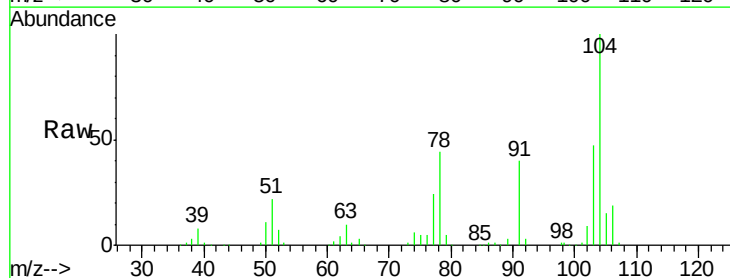
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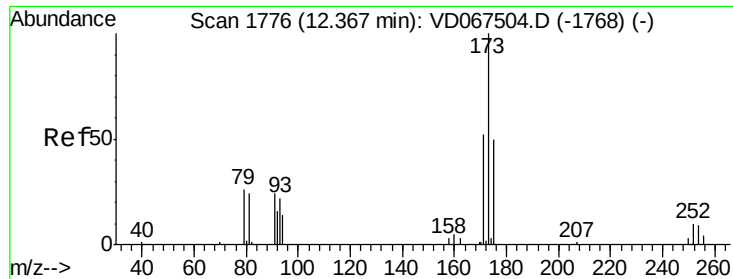
MMDadoda
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#70
Styrene
Concen: 22.652 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion:104 Resp: 171967
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 53.9 43.9 65.9





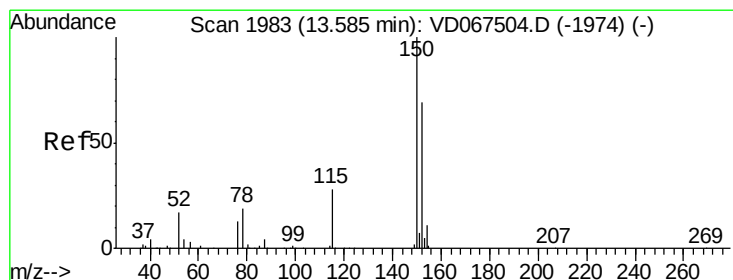
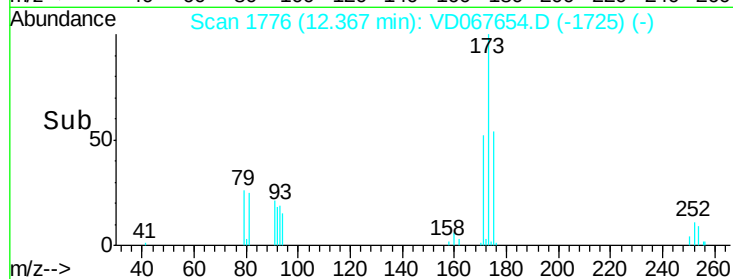
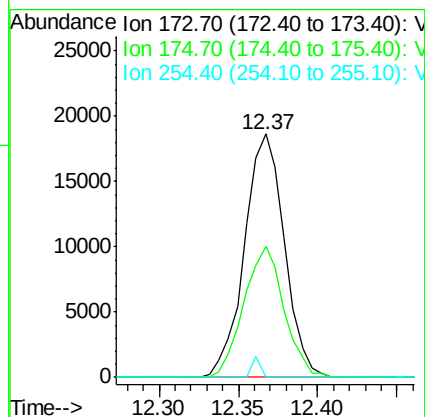
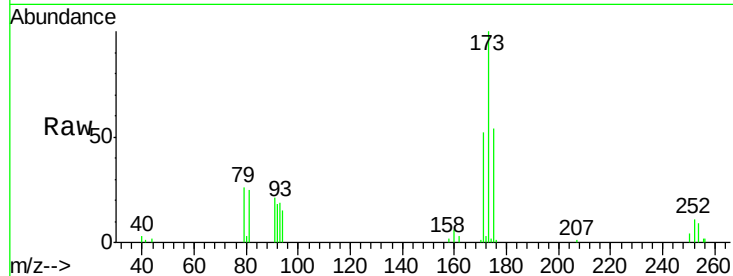
#71
Bromoform
Concen: 22.150 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	53.9	24.1	72.2
254	1.7	0.0	0.0

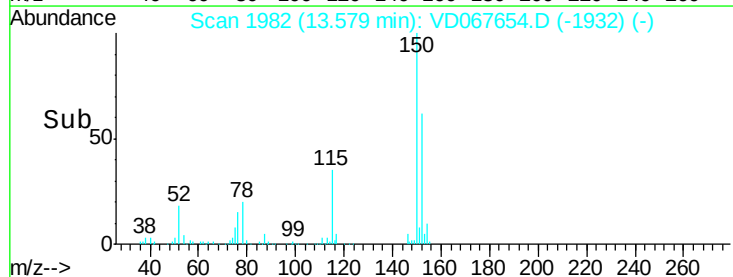
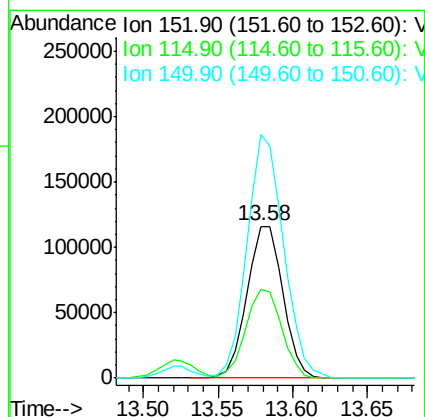
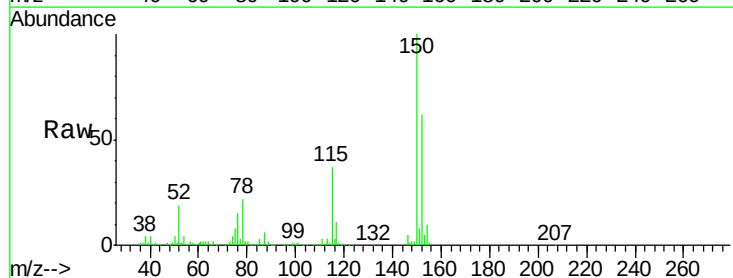
Manual Integrations
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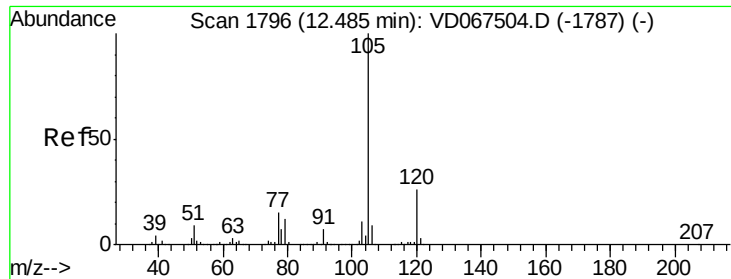
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	162.7	0.0	338.2





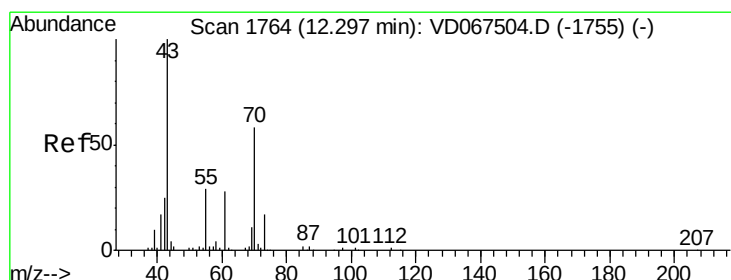
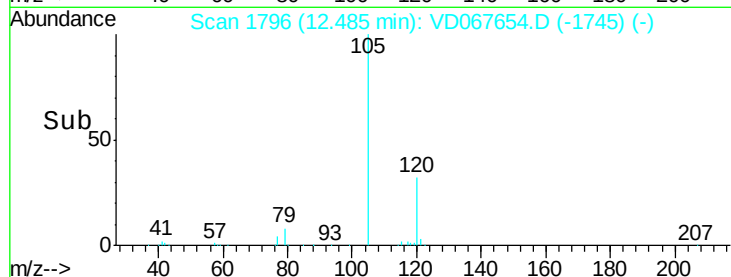
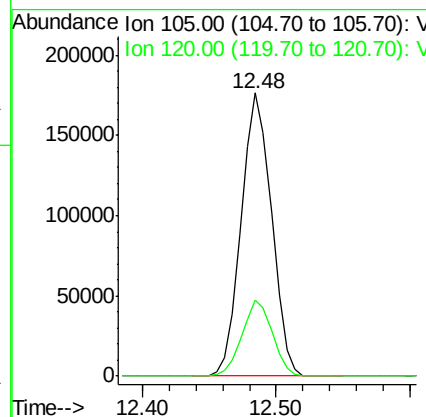
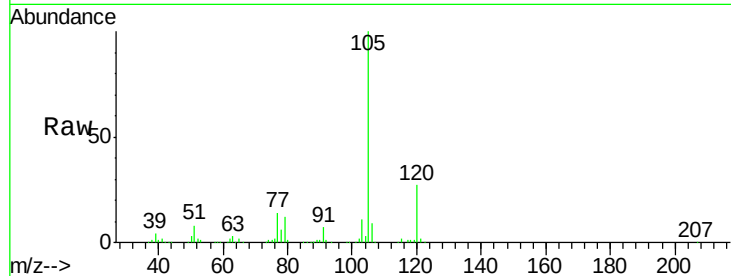
#73
Isopropylbenzene
Concen: 22.183 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.6

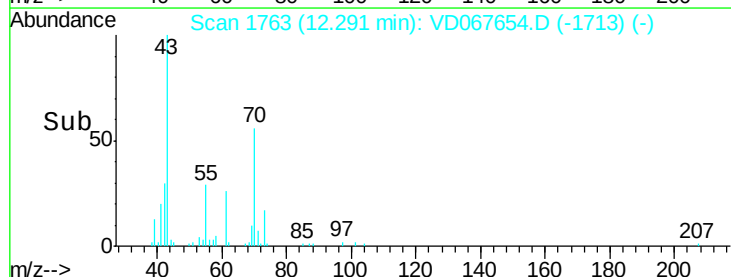
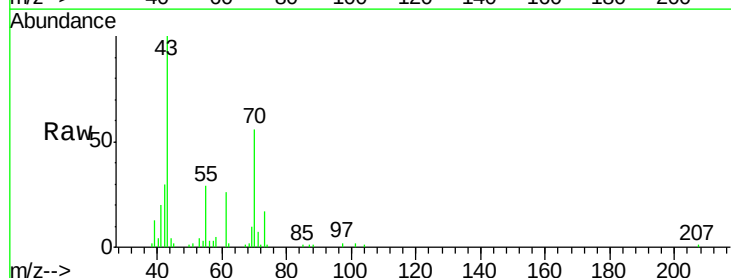
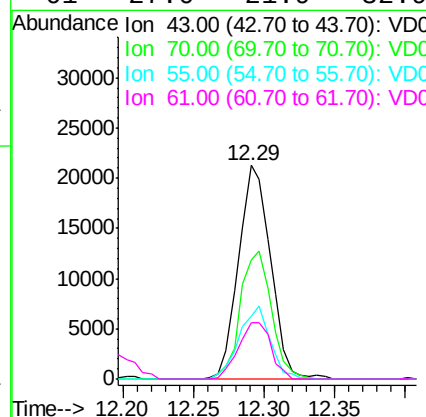
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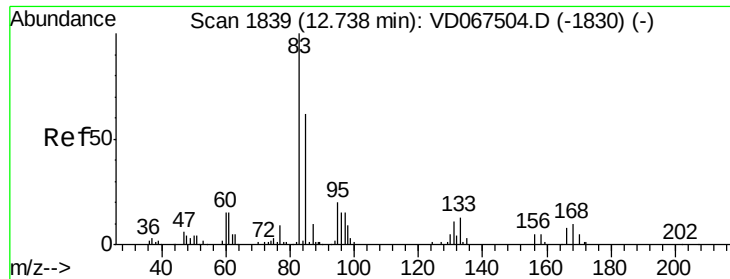
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#74
N-ethyl acetate
Concen: 20.493 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	58.1	42.6	64.0
55	33.4	23.7	35.5
61	27.0	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.232 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

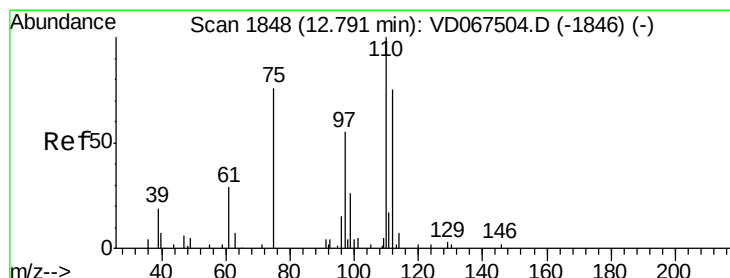
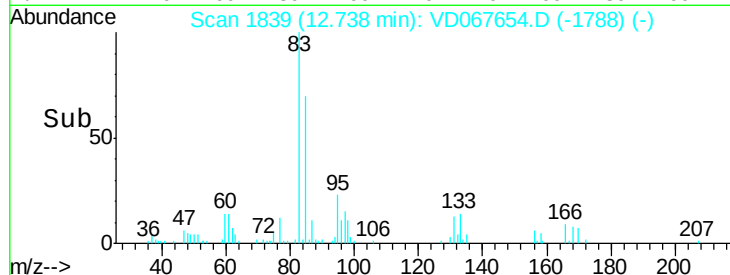
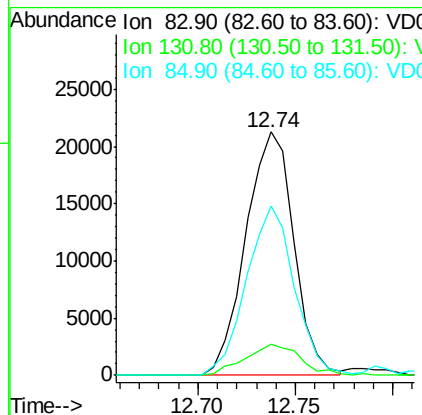
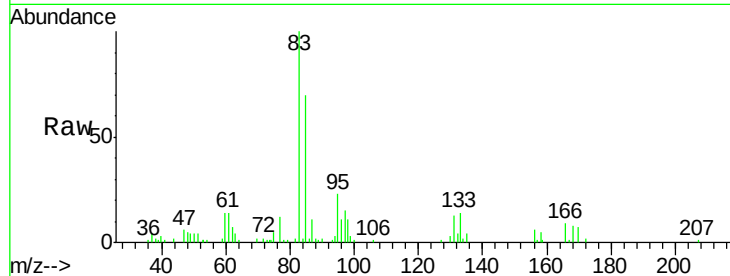
ClientSampleId :

VD1117SBS01

Tot Ion:	83	Resp:	36199
Ion Ratio	Lower	Upper	
83	100		
131	15.0	7.1	21.3
85	69.6	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.144 ug/l m

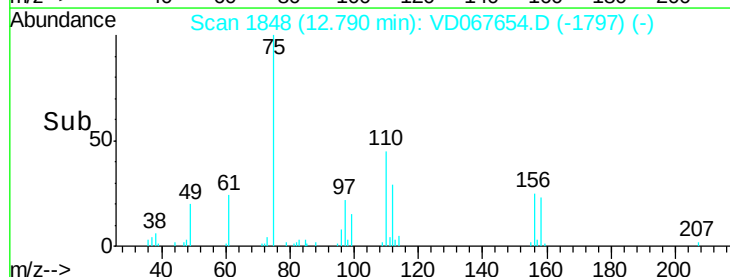
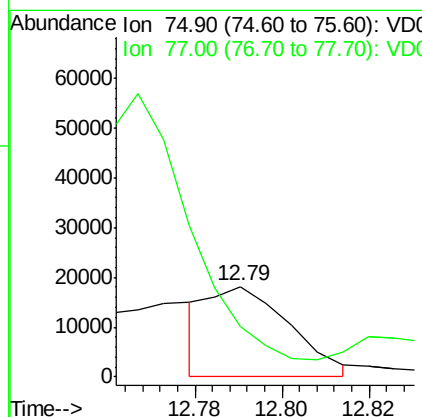
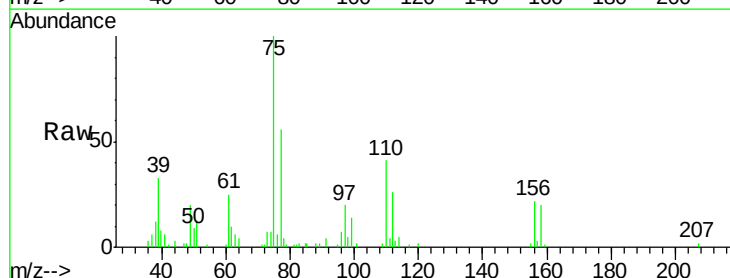
RT: 12.79 min Scan# 1848

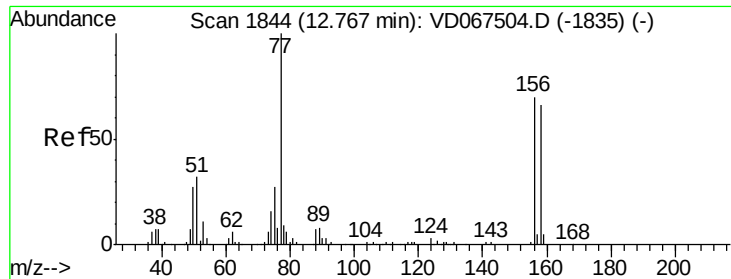
Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	75	Resp:	23510
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





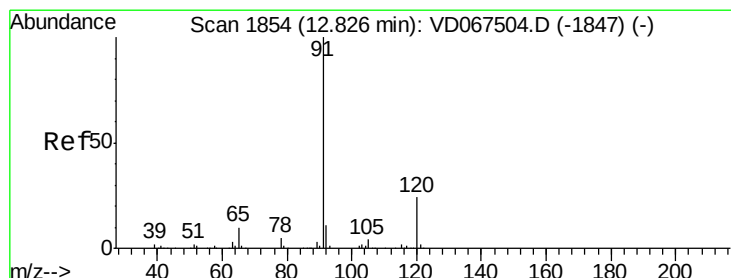
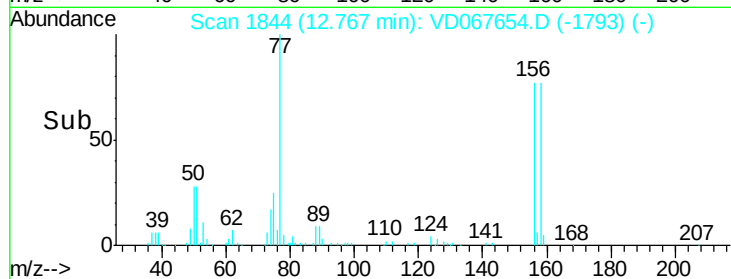
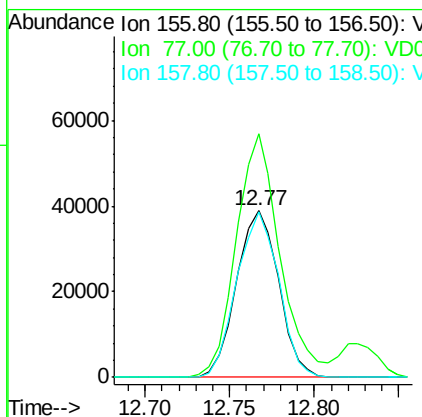
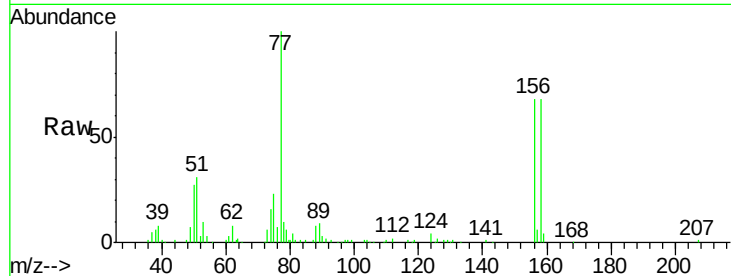
#77
Bromobenzene
Concen: 22.016 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.2	77.8	233.5
158	98.8	47.9	143.7

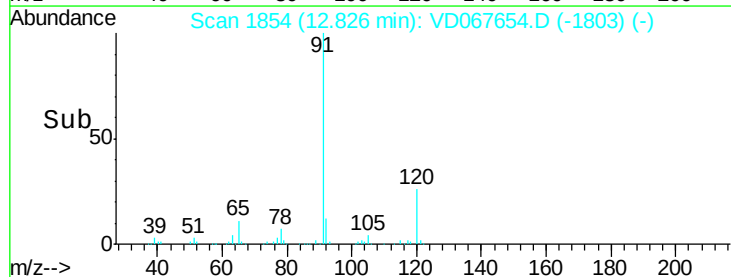
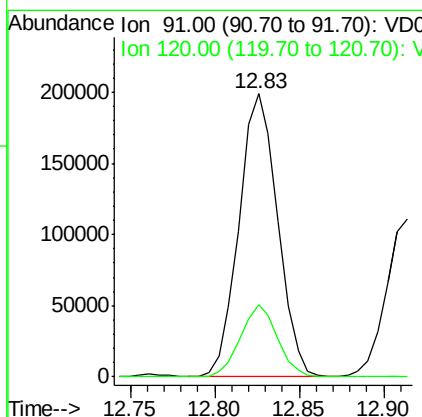
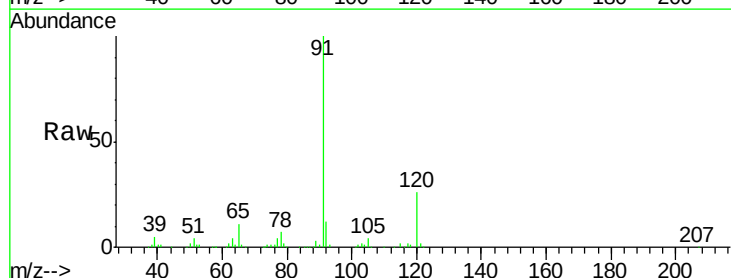
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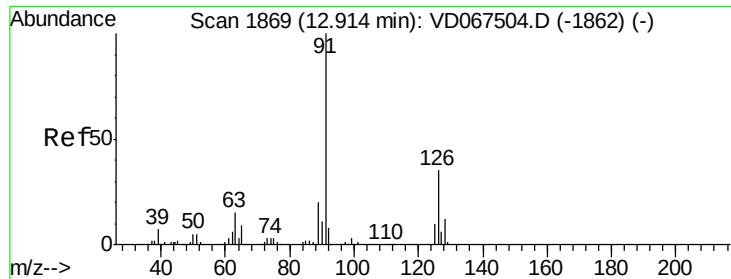
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#78
n-propylbenzene
Concen: 22.131 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.4





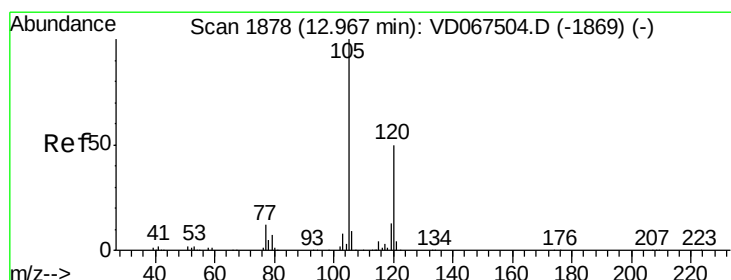
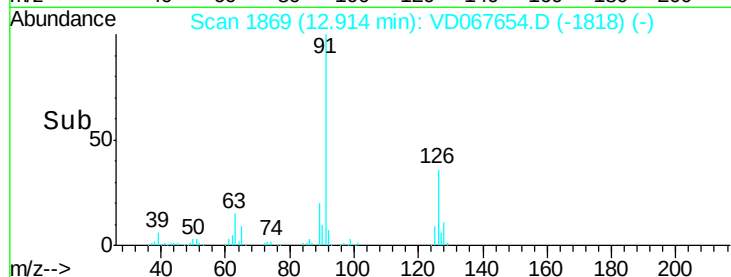
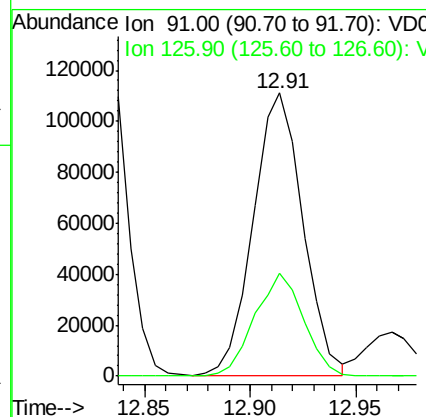
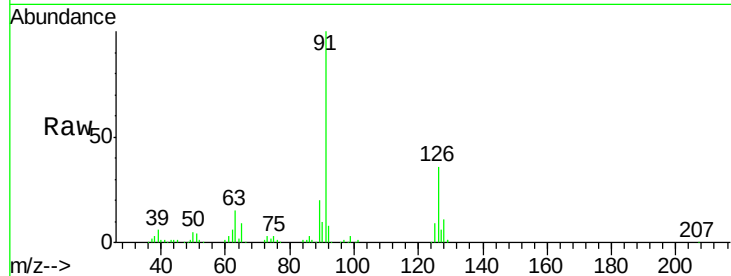
#79
 2-Chlorotoluene
 Concen: 22.320 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Tot Ion: 91 Resp: 181325
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.8 53.4

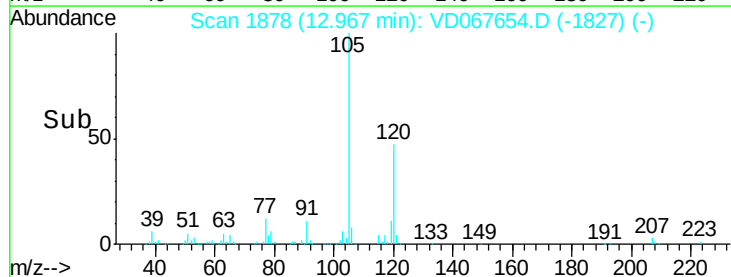
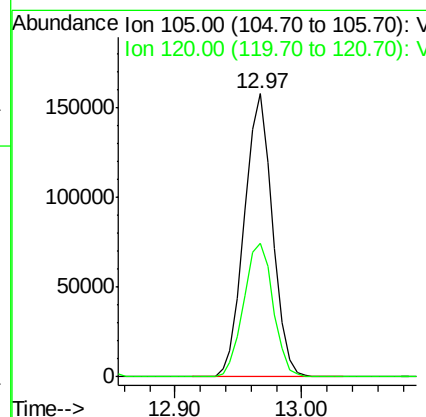
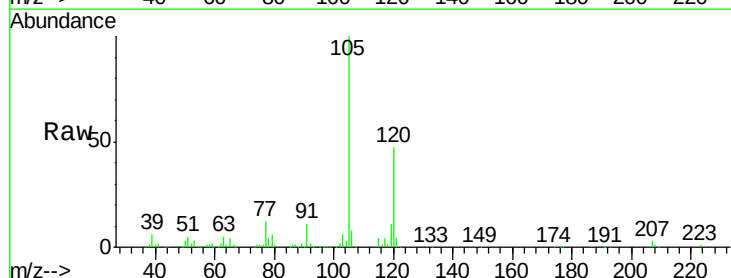
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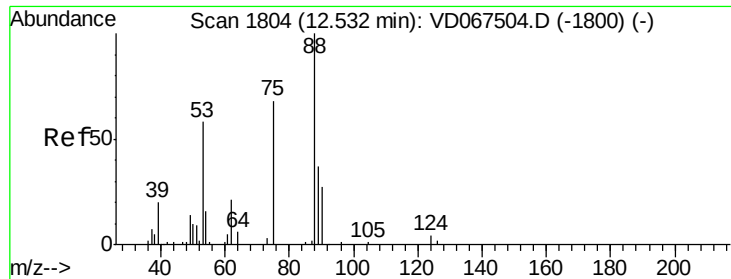
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.672 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion: 105 Resp: 242150
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.3 72.8





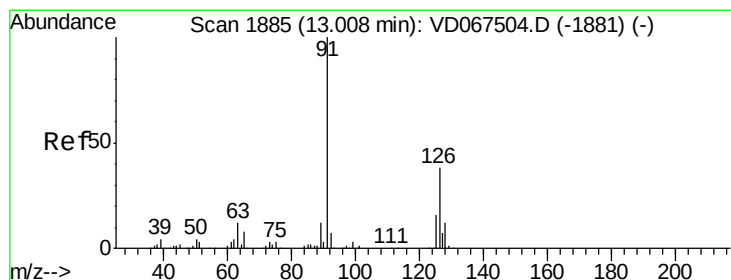
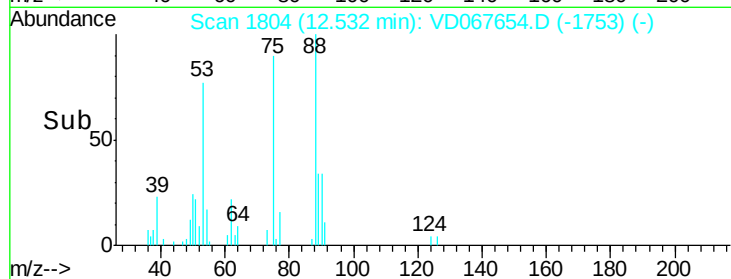
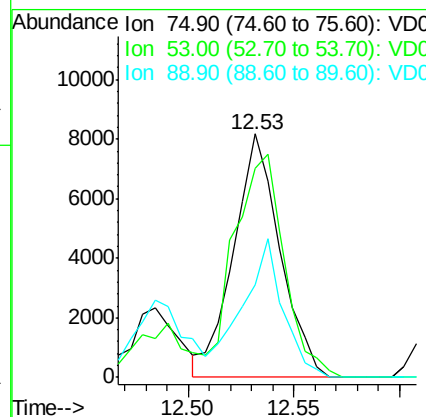
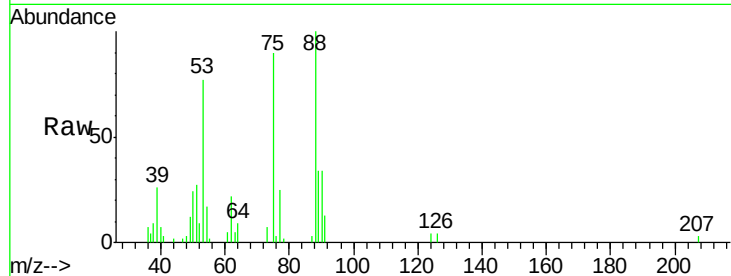
#81
trans-1,4-Dichloro-2-butene
Concen: 21.580 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	75.9	113.9
89	50.5	44.6	67.0

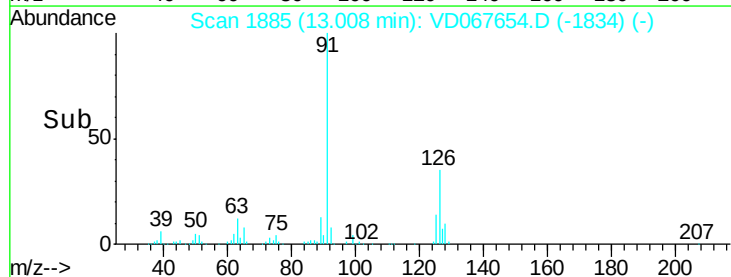
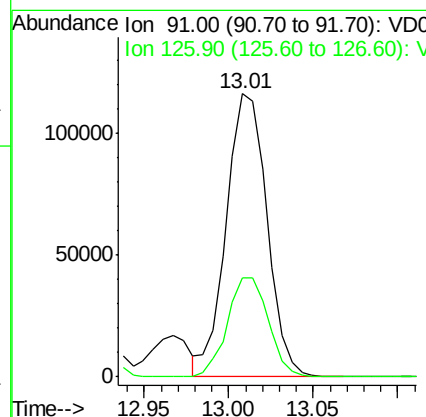
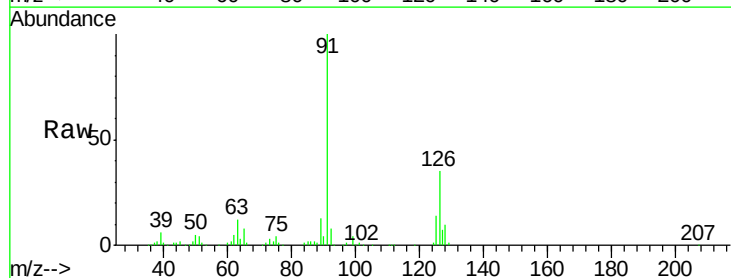
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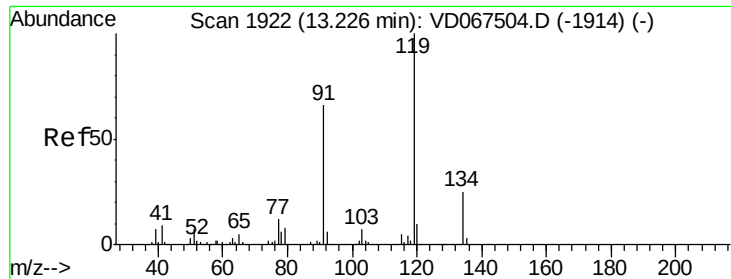
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#82
4-Chlorotoluene
Concen: 22.424 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.9	53.7





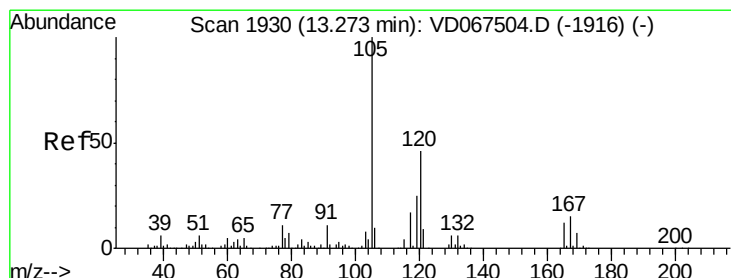
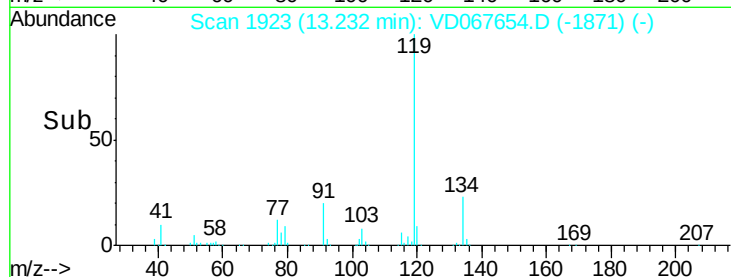
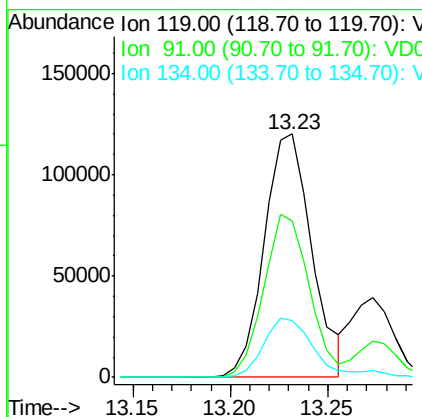
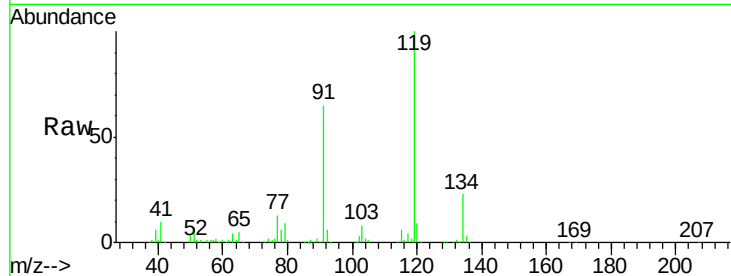
#83
tert-Butylbenzene
Concen: 22.401 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.7	98.1
134	26.6	13.4	40.2

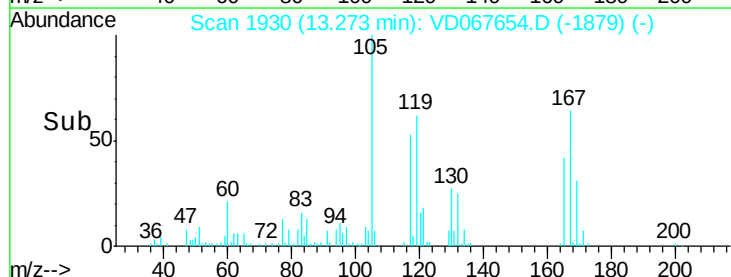
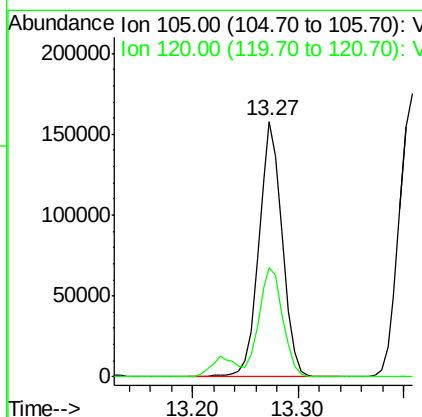
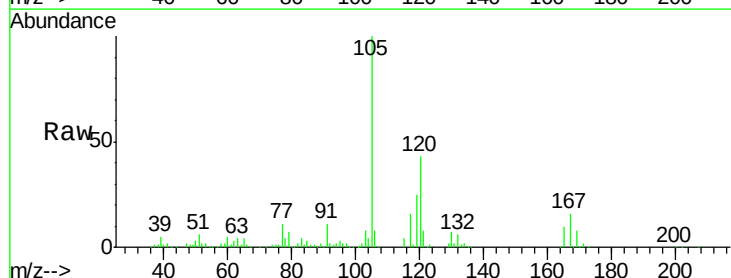
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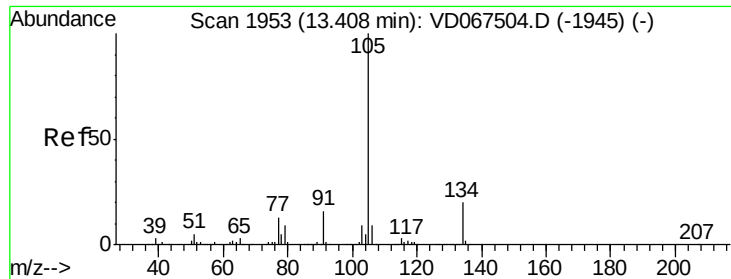
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#84
1,2,4-Trimethylbenzene
Concen: 22.873 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.1	66.1





#85

sec-Butylbenzene

Concen: 22.474 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBS01

Tot Ion:105 Resp: 274624

Ion Ratio Lower Upper

105 100

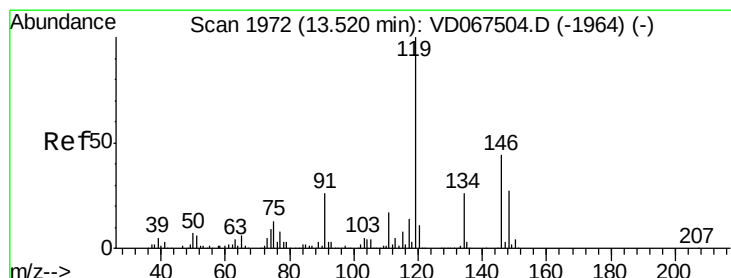
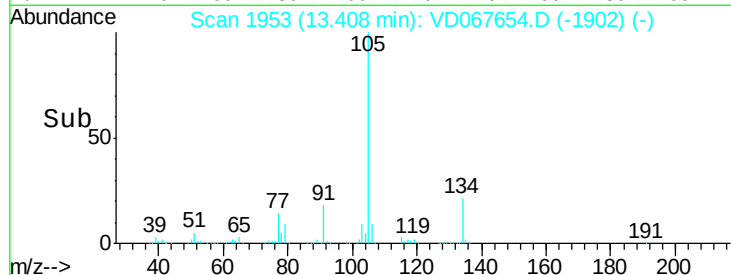
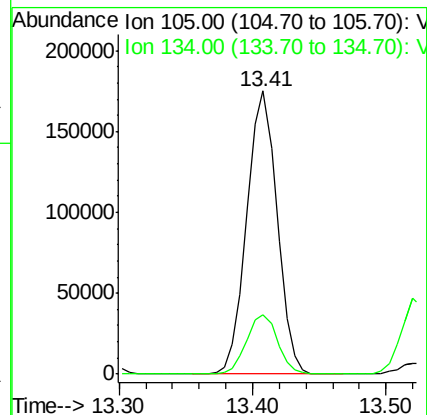
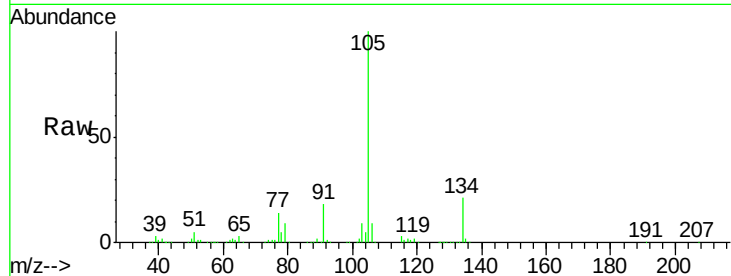
134 21.6 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 22.139 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

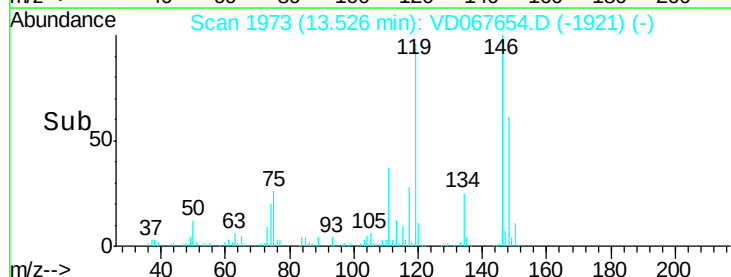
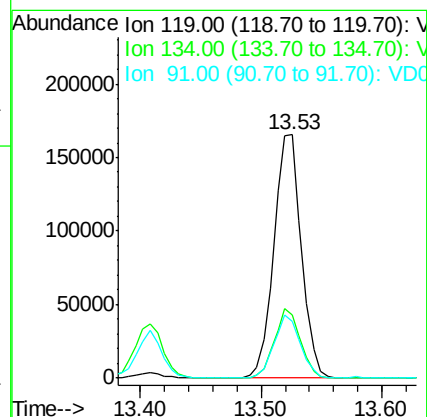
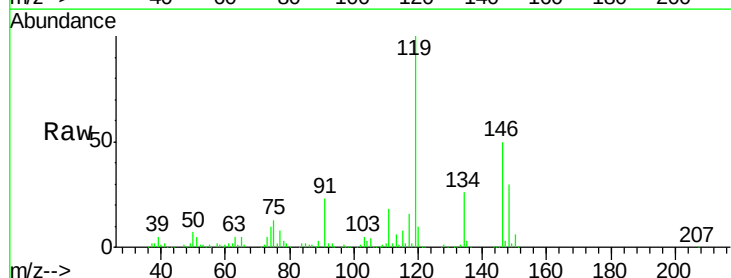
Tgt Ion:119 Resp: 261253

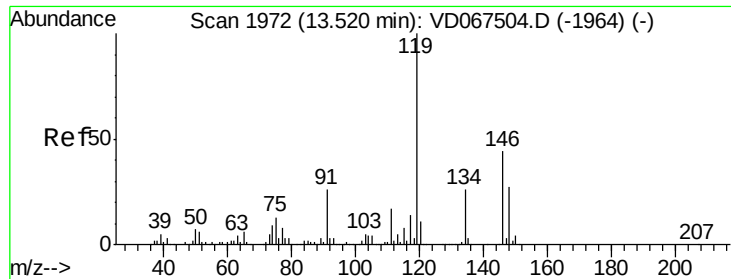
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 25.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 23.183 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

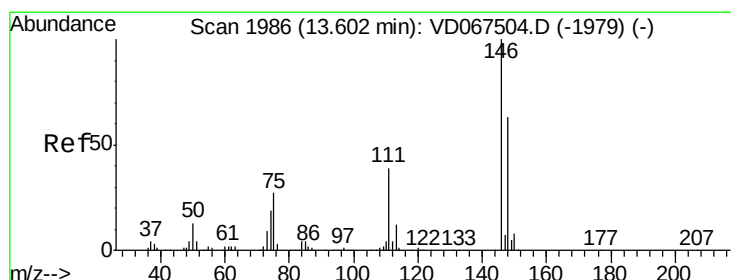
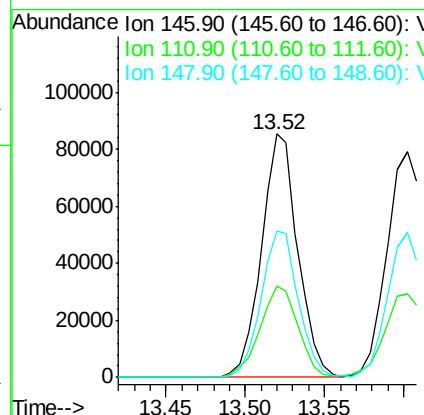
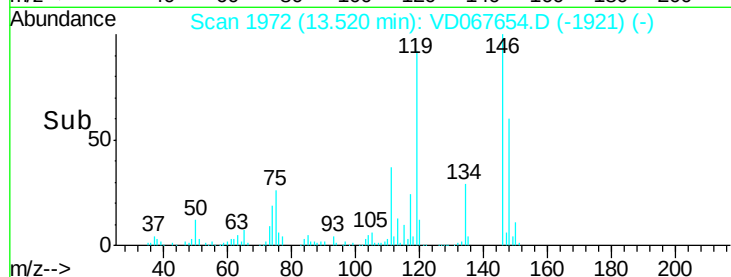
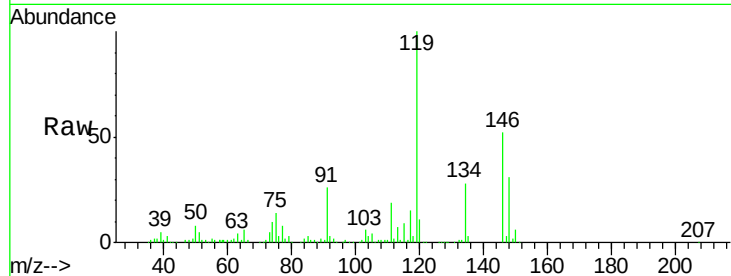
Instrument :
MSVOA_D

ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	61.9	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 22.354 ug/l

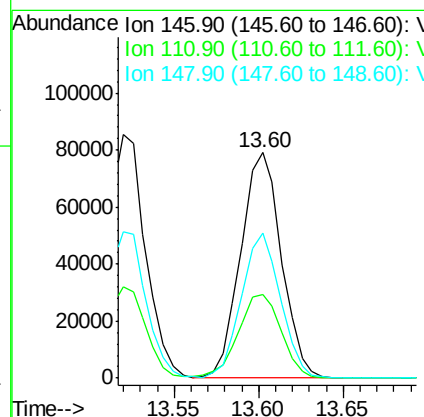
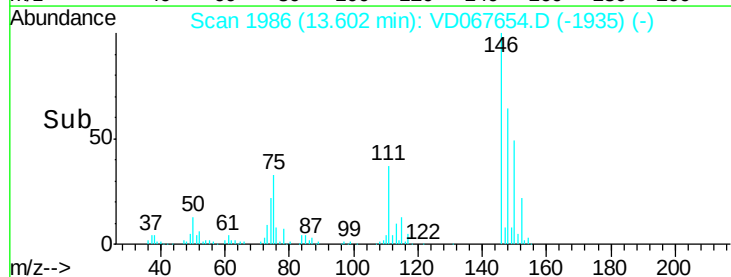
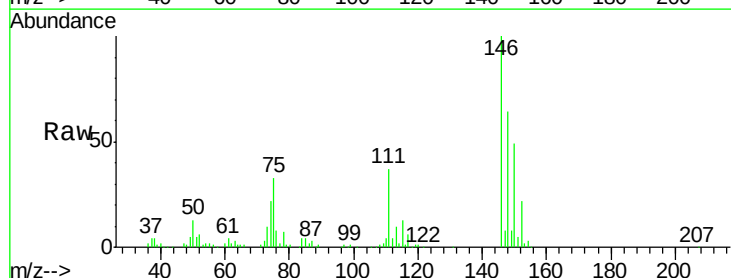
RT: 13.60 min Scan# 1986

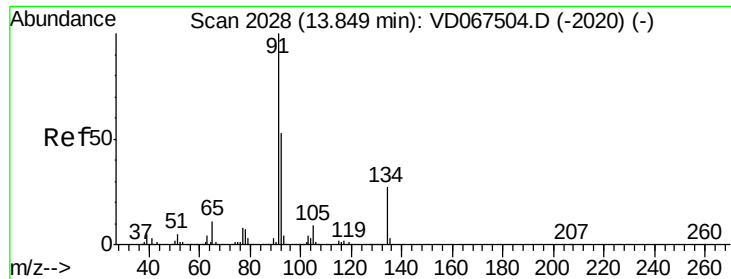
Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	62.0	31.8	95.4





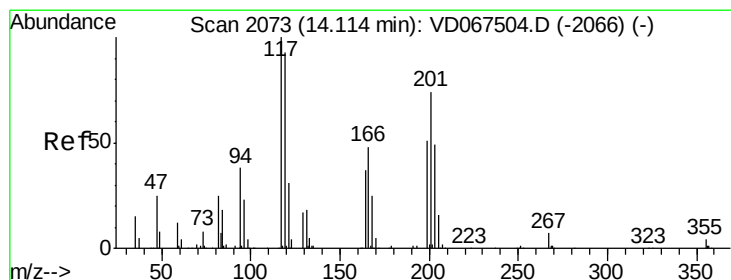
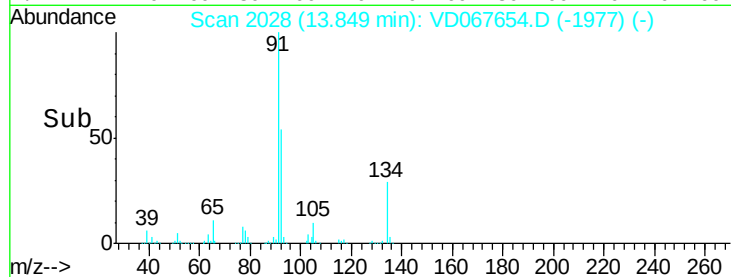
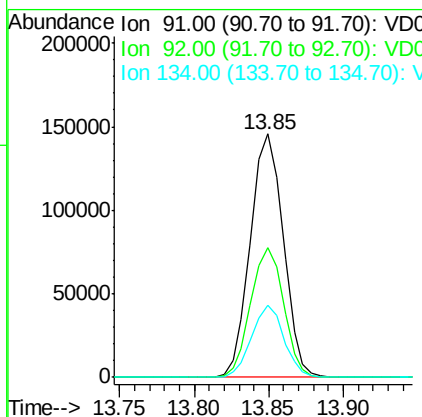
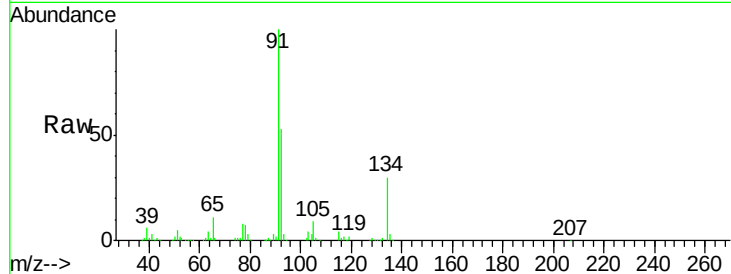
#89
n-Butylbenzene
Concen: 21.899 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.8
134	29.0	14.1	42.2

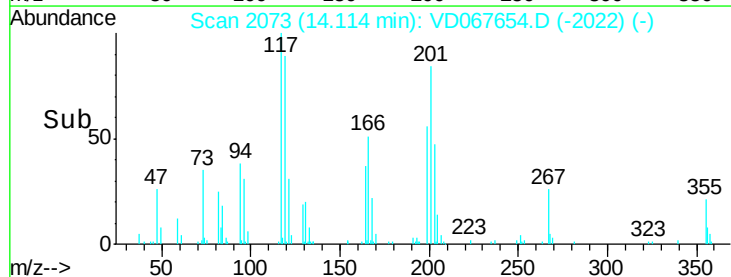
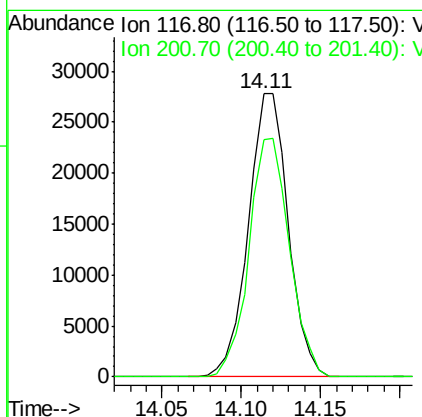
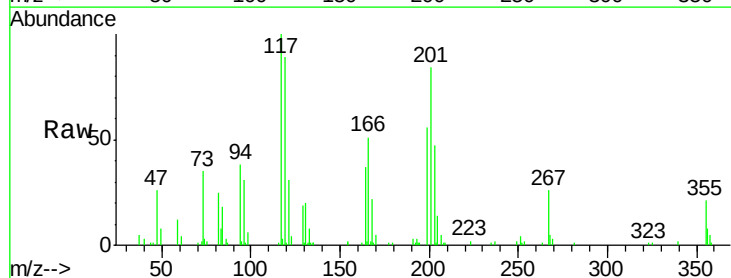
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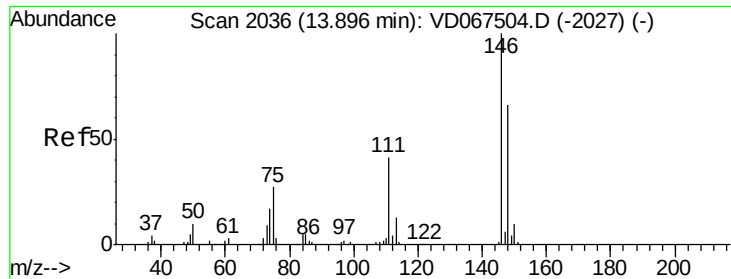
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#90
Hexachloroethane
Concen: 21.865 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067654.D
Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	40.7	122.1





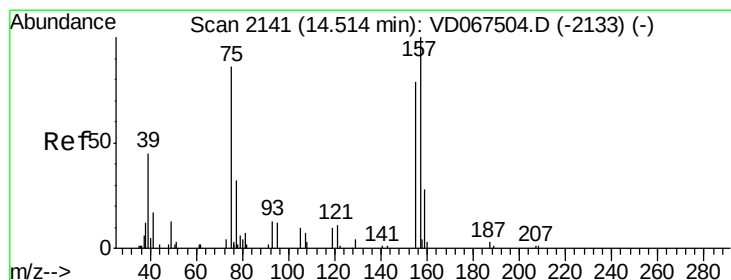
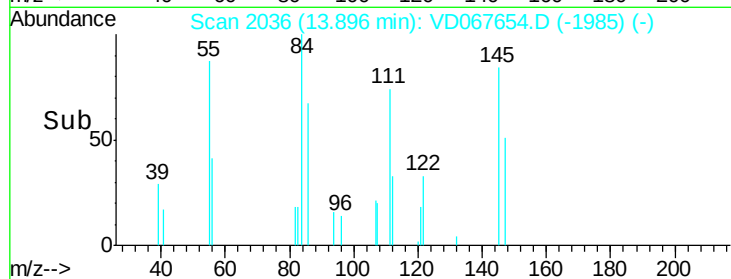
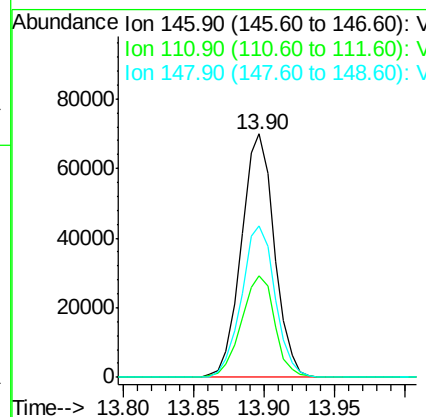
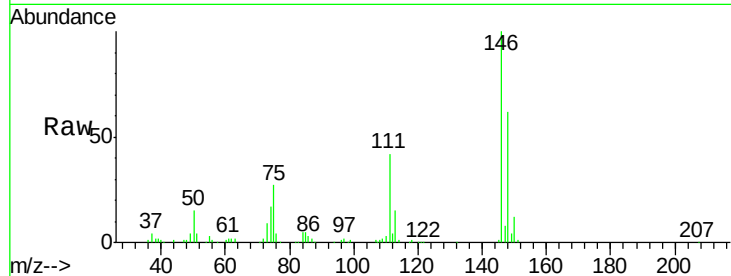
#91
 1,2-Dichlorobenzene
 Concen: 22.530 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	63.5	31.5	94.5

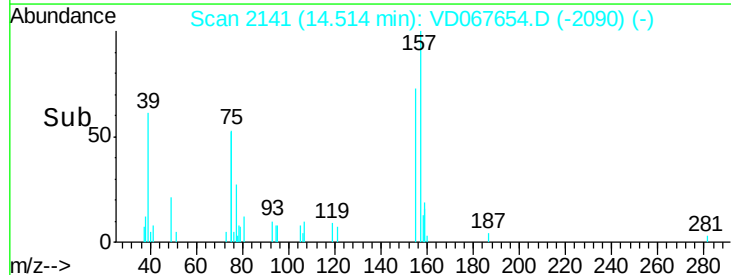
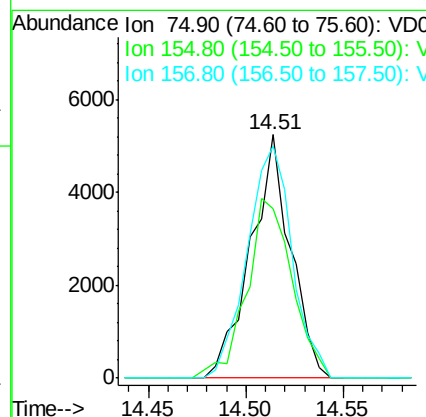
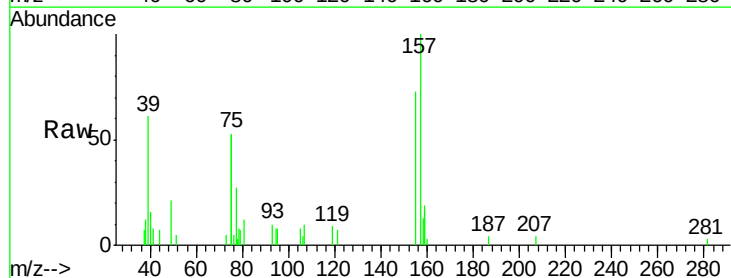
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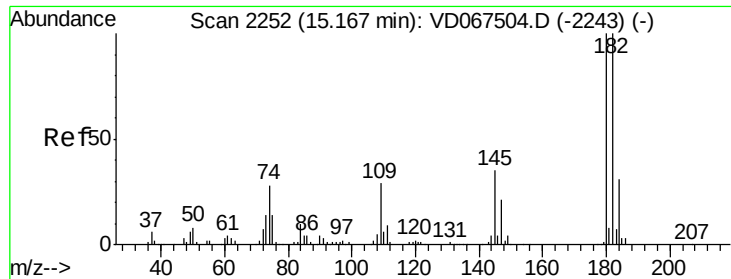
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.597 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	46.6	139.8
157	107.4	58.1	174.2





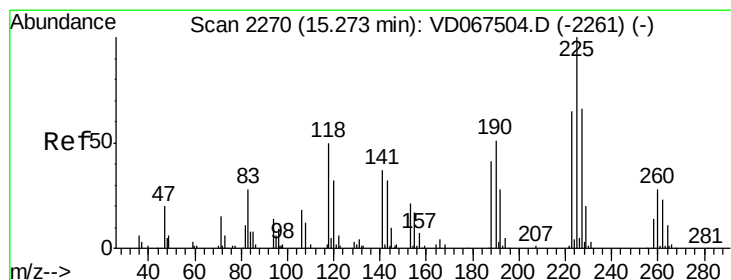
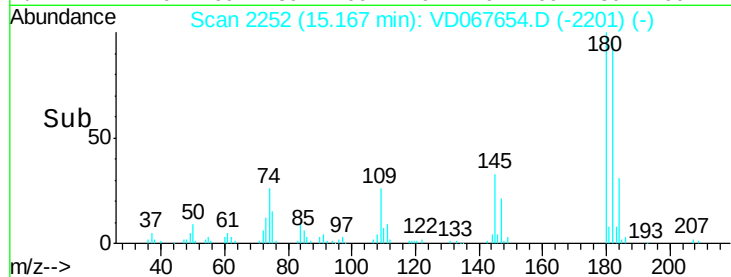
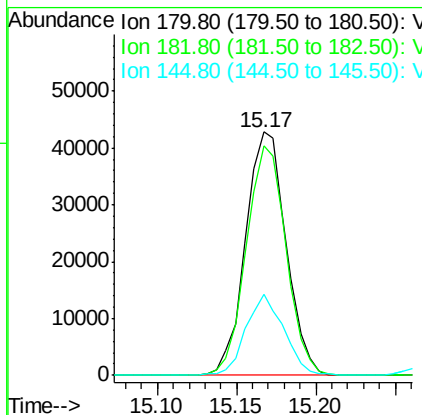
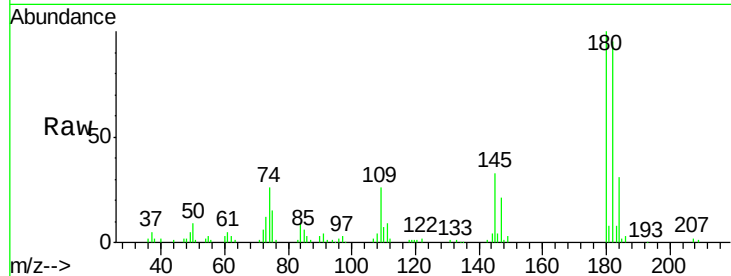
#93
 1,2,4-Trichlorobenzene
 Concen: 22.081 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.3
145	31.4	16.2	48.6

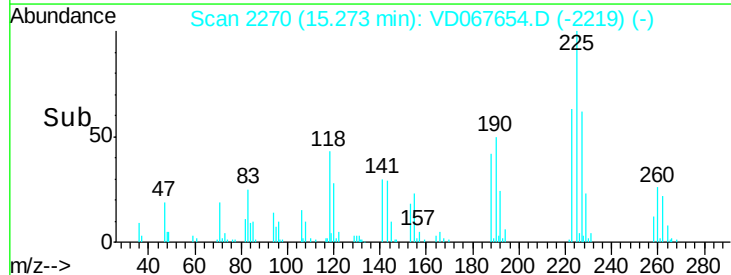
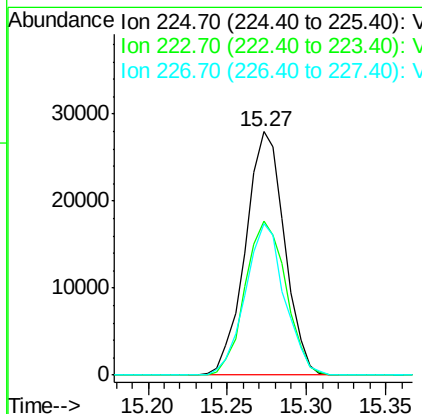
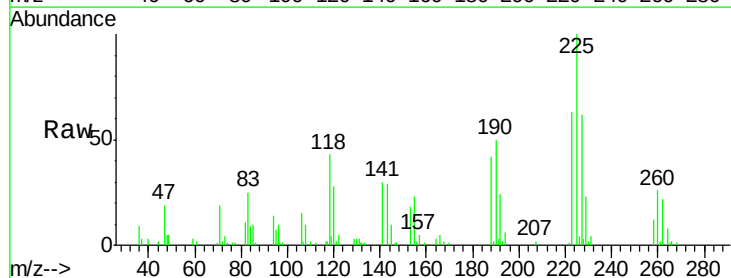
Manual Integrations
 APPROVED

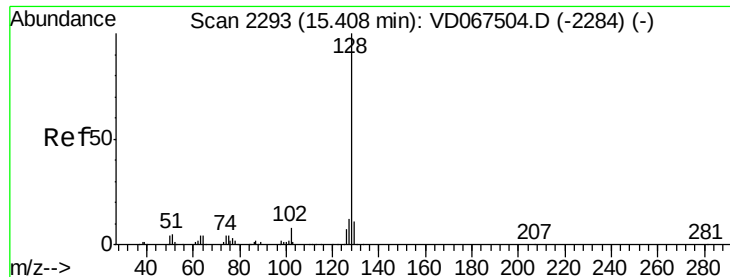
MMDadoda
 11/18/2020 10:50:19 AM



#94
 Hexachlorobutadiene
 Concen: 20.836 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067654.D
 Acq: 17 Nov 2020 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.9	95.5
227	62.2	32.5	97.4





#95

Naphthalene

Concen: 20.998 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Instrument :

MSVOA_D

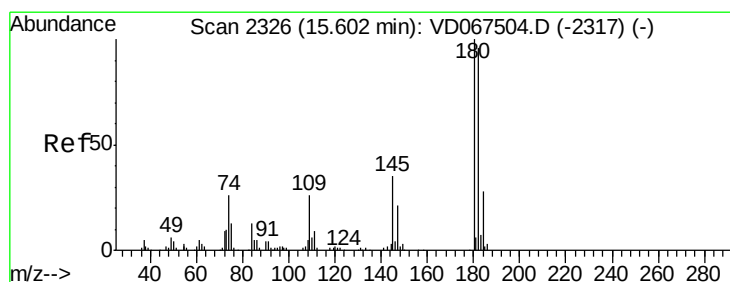
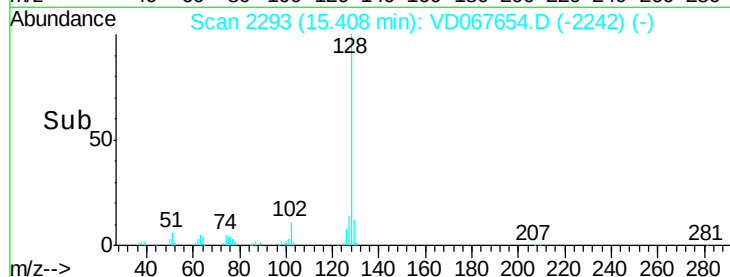
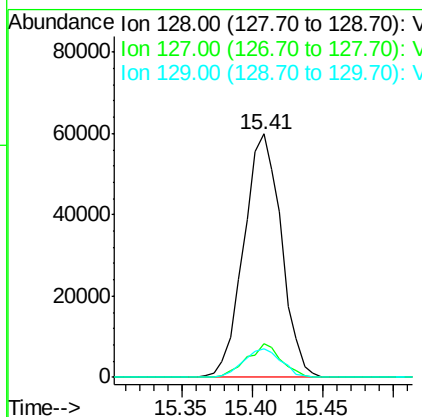
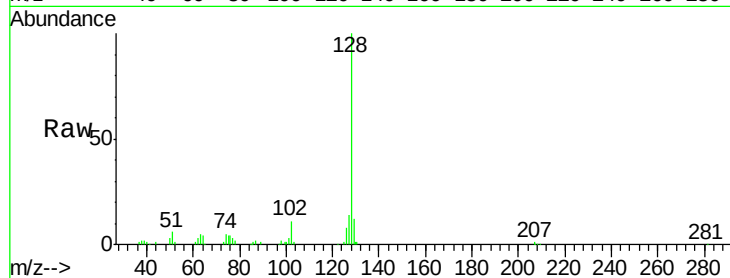
ClientSampleId :

VD1117SBS01

Tot Ion:	128	Resp:	111528
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	12.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/18/2020 10:50:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.567 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD067654.D

Acq: 17 Nov 2020 11:27

Tgt Ion:	180	Resp:	63563
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.9	140.8
145	35.0	17.1	51.2

